

# ORDER FOR SUPPLIES OR SERVICES

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IMPORTANT: Mark all packages and papers with contract and/or order numbers.

|   |  |   |                          |  |                      |                      |                      |                                    |
|---|--|---|--------------------------|--|----------------------|----------------------|----------------------|------------------------------------|
| 1. DATE OF ORDER<br>05/28/2013  |  | 2. CONTRACT NO. (If any)<br>EP-C-12-053 |                          | 6. SHIP TO:  |                      |                      |                      |                                    |
| 3. ORDER NO.<br>0001  |  | 4. REQUISITION/REFERENCE NO.            |                          | a. NAME OF CONSIGNEE<br>CPOD   |                      |                      |                      |                                    |
| 5. ISSUING OFFICE (Address correspondence to)<br>(FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268  |  |   |                          | b. STREET ADDRESS<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD  |                      |                      |                      |                                    |
|   |  |   |                          | c. CITY<br>Cincinnati  |                      | d. STATE<br>OH       | e. ZIP CODE<br>45268 |                                    |
| 7. TO: (b)(4)   |  |   |                          | f. SHIP VIA  |                      |                      |                      |                                    |
| a. NAME OF CONTRACTOR<br>CADMUS GROUP, INC., THE  |  |   |                          | 8. TYPE OF ORDER   |                      |                      |                      |                                    |
| b. COMPANY NAME   |  |   |                          | <input type="checkbox"/> a. PURCHASE<br><input checked="" type="checkbox"/> b. DELIVERY<br>REFERENCE YOUR:<br><br>Please furnish the following on the terms and conditions specified on both sides of this order and on the attached sheet, if any, including delivery as indicated. |                      |                      |                      |                                    |
| c. STREET ADDRESS<br>57 WATER STREET<br>6176737000  |  |   |                          | Except for billing instructions on the reverse, this delivery order is subject to instructions contained on this side only of this form and is issued subject to the terms and conditions of the above-numbered contract.  |                      |                      |                      |                                    |
| d. CITY<br>WATERTOWN  |  | e. STATE<br>MA                          | f. ZIP CODE<br>024724603 |  |                      |                      |                      |                                    |
| 9. ACCOUNTING AND APPROPRIATION DATA<br>See Schedule  |  |   |                          | 10. REQUISITIONING OFFICE<br>CPOD  |                      |                      |                      |                                    |
| 11. BUSINESS CLASSIFICATION (Check appropriate box(es))   |  |   |                          |  |                      |                      | 12. F.O.B. POINT     |                                    |
| <input type="checkbox"/> a. SMALL <input type="checkbox"/> b. OTHER THAN SMALL <input type="checkbox"/> c. DISADVANTAGED <input type="checkbox"/> d. WOMEN-OWNED <input type="checkbox"/> e. HUBZone<br><input type="checkbox"/> f. SERVICE-DISABLED VETERAN-OWNED <input type="checkbox"/> g. WOMEN-OWNED SMALL BUSINESS (WOSB) ELIGIBLE UNDER THE WOSB PROGRAM <input type="checkbox"/> h. EDWOSB |  |   |                          |  |                      |                      | Destination          |                                    |
| 13. PLACE OF  |  | 14. GOVERNMENT B/L NO.                  |                          | 15. DELIVER TO F.O.B. POINT<br>ON OR BEFORE (Date)   |                      | 16. DISCOUNT TERMS   |                      |                                    |
| a. INSPECTION<br>Destination  |  | b. ACCEPTANCE<br>Destination            |                          |  |                      |                      |                      |                                    |
| 17. SCHEDULE (See reverse for Rejections)   |  |   |                          |  |                      |                      |                      |                                    |
| ITEM NO.<br>(a)   | SUPPLIES OR SERVICES<br>(b)  |   |                          | QUANTITY<br>ORDERED<br>(c)   | UNIT<br>(d)          | UNIT<br>PRICE<br>(e) | AMOUNT<br>(f)        | QUANTITY<br>ACCEPTED<br>(g)        |
|   | DUNS Number: (b)(4)<br>Recovery Potential Screening (RPS) Support<br><br>TOPO:<br>Doug Norton<br>202-566-1221<br>Continued ... |   |                          |  |                      |                      |                      |                                    |
| 18. SHIPPING POINT  |  | 19. GROSS SHIPPING WEIGHT               |                          | 20. INVOICE NO.  |                      |                      |                      | 17(h)<br>TOTAL<br>(Cont.<br>pages) |
| 21. MAIL INVOICE TO:  |  |   |                          |  |                      |                      |                      |                                    |
| a. NAME<br>RTP Finance Center   |  |   |                          |  |                      | \$101,953.00         |                      |                                    |
| b. STREET ADDRESS<br>(or P.O. Box)<br>US Environmental Protection Agency<br>RTP-Finance Center<br>Mail Drop D143-02<br>109 TW Alexander Drive   |  |   |                          |  |                      |                      |                      | 17(i)<br>GRAND<br>TOTAL            |
| c. CITY<br>Durham   |  |   |                          | d. STATE<br>NC   | e. ZIP CODE<br>27711 | \$101,953.00         |                      |                                    |
| 22. UNITED STATES OF<br>AMERICA BY (Signature)  |  |   |                          | 23. NAME (Typed)<br>Noelle Mills<br>TITLE: CONTRACTING/ORDERING OFFICER  |                      |                      |                      |                                    |

**ORDER FOR SUPPLIES OR SERVICES  
SCHEDULE - CONTINUATION**

PAGE NO

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EP-C-12-053

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| ITEM NO.<br>(a) | SUPPLIES/SERVICES<br>(b)   | QUANTITY<br>ORDERED<br>(c) | UNIT<br>(d) | UNIT<br>PRICE<br>(e) | AMOUNT<br>(f) | QUANTITY<br>ACCEPTED<br>(g) |
|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0001            | <p>Norton.douglas@Epa.gov</p> <p>Alternate TOPO:<br/>Sarah Furtak<br/>202-566-1167<br/>Furtak.sarah@Epa.gov<br/>TOPO: Doug Norton Max Expire Date:<br/>09/27/2017<br/>Admin Office:<br/>CPOD<br/>US Environmental Protection Agency<br/>26 West Martin Luther King Drive<br/>Mail Code: NWD<br/>Cincinnati OH 45268</p> <p>Accounting Info:<br/>12-13-B-87FL-202BE2-2505---1287AE2010-001<br/>BFY: 12 EFY: 13 Fund: B Budget Org: 87FL<br/>Program (PRC): 202BE2 Budget (BOC): 2505<br/>DCN - Line ID: 1287AE2010-001<br/>Period of Performance: 05/28/2013 to<br/>04/30/2014</p> <p>Provide services in accordance with<br/>attached Performance Work Statement<br/>entitled, "Recovery potential screening<br/>support." This task order award is a<br/>result of RFP PR-OW-13-00152</p> <p>Level of Effort: 970</p> <p>The government will make provisional fixed<br/>fee payments on the basis of percentage of<br/>work completed. For CPFF-term-type task<br/>orders, percentage of work completed is the<br/>ratio of direct labor hours performed to<br/>the direct labor hours ordered.<br/>Award Type: Cost-plus-fixed-fee<br/>Total Estimated Cost: (b)(4)<br/>Fixed Fee: (b)(4)<br/>Term Form</p> <p>Funding for this task order is being<br/>allocated from the basic contract in the<br/>amount of \$50,000</p> <p>Continued ...</p> |                            |             |                      | (b)(4)        |                             |

TOTAL CARRIED FORWARD TO 1ST PAGE (ITEM 17(H))

\$101,953.00

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**ORDER FOR SUPPLIES OR SERVICES**  
**SCHEDULE - CONTINUATION**

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|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0002            | <p>Option Period 1 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152</p> <p>Level of Effort: 970<br/>Award Type: Cost-plus-fixed-fee<br/>Total Estimated Cost: (b)(4)<br/>Fixed Fee: (b)(4)<br/>Term Form<br/>(Option Line Item)<br/>05/01/2014<br/>Period of Performance: 05/01/2014 to 04/30/2015</p>    |                            |             |                      |               |                             |
| 0003            | <p>Option Period 2 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152</p> <p>Level of Effort: 970<br/>Award Type: Cost-plus-fixed-fee<br/>Total Estimated Cost: (b)(4)<br/>Fixed Fee: (b)(4)<br/>Term Form<br/>(Option Line Item)<br/>05/01/2015<br/>Period of Performance: 05/01/2015 to 04/30/2016</p>    |                            |             |                      |               |                             |
| 0004            | <p>Option Period 3 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152</p> <p>Level of Effort: 970<br/>Award Type: Cost-plus-fixed-fee<br/>Total Estimated Cost: (b)(4)<br/>Fixed Fee: (b)(4)<br/>Term Form<br/>(Option Line Item)<br/>05/01/2016<br/>Period of Performance: 05/01/2016 to Continued ...</p> |                            |             |                      |               |                             |

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|-----------------|--|----------------------------|-------------|----------------------|---------------|-----------------------------|
| 0005            | <p>04/30/2017</p> <p>Option Period 4 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152</p> <p>Level of Effort: 970</p> <p>Award Type: Cost-plus-fixed-fee</p> <p>Total Estimated Cost: (b)(4)</p> <p>Fixed Fee: (b)(4)</p> <p>Term Form</p> <p>(Option Line Item)</p> <p>05/01/2017</p> <p>Period of Performance: 05/01/2017 to 03/27/2018</p> |                            |             |                      |               |                             |

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**PERFORMANCE WORK STATEMENT  
TSAWP Multiple-Award Contracts  
EP-C-12-053 Task Order 001**

**RECOVERY POTENTIAL SCREENING SUPPORT**

**A: BACKGROUND**

This Task Order will support EPA in assisting Recovery Potential Screening (RPS) efforts in states. Contractor-assisted RPS support from EPA to states dates back to 2005 and has involved projects in 8 states during the past year. Additional projects in new and existing states are anticipated during the next several years.

Recovery Potential Screening (RPS) is a technical assessment method for systematically comparing relative restorability among many different impaired waters or watersheds based on multi-metric indices drawn mostly from landscape and monitoring data. The screening is usually performed to identify more restorable waters that are good candidates for restoration investments. The RPS method can be customized to a wide variety of comparative assessment and decision support uses. RPS is applicable for setting priorities among 303(d) listed waters or watersheds, determining the prioritized schedule of TMDL development, setting priorities for TMDL implementation, and developing other restoration strategies that can be optimized by careful consideration of restorability and its interplay with other factors. Recovery potential screening has already been demonstrated in several states and thoroughly documented in an EPA website (see <http://www.epa.gov/recoverypotential>).

Most RPS projects are comprehensive, multi-purpose statewide efforts in which EPA and the contractor facilitate identification of the state's intended uses of RPS, identify appropriate metrics, gather and measure data, demonstrate RPS techniques in state workshops, and transfer RPS tools and data products. Projects also can be more narrowly defined, as in the 2012-2013 multi-state demonstration of RPS as a general framework for watershed prioritization intended to encourage development and implementation of effective state strategies for managing nitrogen and phosphorus pollution. Either or both types of project may require support under this Task Order.

Below are descriptions of five tasks under this Task Order. Tasks 2 through 4 are state project-specific and would be repeated for each individual state project; Tasks 1 and 5 are not individual state project-specific. Tasks 2, 3 and 4 constitute most of the level of effort, estimated by EPA as 15% Task 2, 50% Task 3 and 20% Task 4, with Tasks 1 and 5 as the remaining 15% of the level of effort. The contractor shall provide RPS support to EPA in specific state projects in the Base Period and in each Option Period, as described in the Tasks below. All deliverables must be in an electronic format supportable by EPA at the end of the period of performance for this Task Order.

## **B: TASKS**

### **Task 1. Quality Management Plan, QAPP and progress reports**

The contractor shall adhere to its Quality Management Plan that is customized for this contract. In addition, this Task Order involves the use of existing data. Accordingly, EPA policy requires that an *approved* Quality Assurance Project Plan (QAPP) be in place before any work begins that involves the collection, generation, evaluation, analysis or use of environmental data. Previous RPS contractor assignments have resulted in the development of QAPPs that comprehensively and adequately address all the elements of statewide RPS projects, and these QAPPs are identified below\* and are included as attachments to the PWS.

Therefore, in order to comply with this requirement, the contractor shall follow the applicable QAPP consistent with *EPA Requirements for Quality Assurance Project Plans: EPA QA/R-5*

(<http://www.epa.gov/quality/qs-docs/r5-final.pdf>). All QA documentation prepared under this Task Order shall be considered non-proprietary, and shall be made available to the public upon request. The contractor shall immediately notify the EPA TOPO of any QA problems encountered that may impact the performance of this Task Order, with recommendations for corrective action.

The contractor also shall provide EPA with monthly reports of QA-related activities performed during implementation of this Task Order. These monthly QA reports shall identify QA activities performed to support implementation of this Task Order, problems encountered, and corrective actions taken. The contractor may include this as a part of the contract-required monthly financial/technical progress report.

Existing QAPPs can need updates if changes that affect QA steps have occurred. Contractor QMPs are periodically revised which may or may not affect an existing QAPP from an earlier year. Ongoing usage of QAPPs under this Task Order also can reveal the need for any updates. The contractor shall review the existing QAPP, check for necessary revisions based on the factors above, and report in writing to the TOPO on the necessity of any updates or modifications. The contractor also shall notify the EPA TOPO at any time during the Task Order if changes to the QAPP are warranted (e.g., due to organizational changes, revised technical approaches). If, during the Period of Performance of this Task Order, the EPA TOPO determines revisions to the QAPP are necessary, the contractor shall submit a revised QAPP, including the revision summary, within 10-15 business days after receiving written technical direction to do so. The contractor shall provide a revised QAPP, then a final that responds to EPA's written comments within 5 business days of receipt of EPA's comments on the draft.

In addition to the brief monthly reports required by the contract, the contractor shall also transmit to the EPA TOPO a brief, emailed progress report twice an option year. These reports are due no less than 60 days before the halfway point, and 60 days before the end, of the Task's current option year. This report shall summarize the status of all RPS activities and related funding under this Task up to the report date, and estimate the projected activities and related funding that is expected to be used in the ensuing 60-day period.

#### **Task 1 Deliverables:**

- 1a. Written summary of QAPP update check.
- 1b. QAPP update, only if requested through Technical Direction.
- 1c. Progress report pre-midyear



1d. Progress report pre-end of year

1e. Monthly progress reports per contract requirement

\* The QAPPs are:

Filename RPS QAPP 110317.PDF: "Recovery Potential Screening Quality Assurance Project Plan" Task Order 0024 and 0035, Contract EP-C-08-002, March 16, 2011. (18 pp)

Filename FINAL QAPP WITH SIGNATURES RECOVERY WEBSITE.PDF: "Quality Assurance Project Plan for Recovery Potential Website Support" Work Assignment 02, Contract EP-C-11-019, June 23, 2011. (30 pp)

## **Task 2: RPS Project Kickoff**

This Task is project-specific, meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPO through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOPO. Three RPS projects are anticipated for this Task Order per period. The TOPO will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

The contractor shall support RPS project initiation activities as described on the RPS website (Reference PWS Section A: Background) in steps 1 and step 2 (through 'select candidate indicators'). EPA only may identify states or other clients for which RPS project support shall occur. The Contractor shall be responsible for arranging and carrying out project kickoff elements as described in this Task Order. Typically the kickoff phase involves EPA, contractor and state involvement in:

- One to two conference calls and supporting email dialogue to plan a kickoff event;
- Preparation of agenda, handouts and available boilerplate presentation materials;
- Contractor travel for an RPS expert and GIS expert to a state hosted location;
- A day-long project kickoff meeting to overview the project, identify all possible RPS applications of interest to the state, and identify relevant recovery potential metrics and data sources;
- Processing of meeting notes into an RPS applications list and RPS candidate metrics spreadsheet; and
- Follow-up communications as needed to share and refine above materials.

### Task 2 Deliverables (per project):

2a. Kickoff meeting prep materials package

2b. Facilitated onsite kickoff meeting

2c. RPS applications list (format provided by TOPO)

2d. RPS candidate metrics spreadsheet (format provided by TOPO)

## **TASK 3: Recovery Potential Metrics Compilation**

This Task is project-specific meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPO through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOPO. Three RPS projects are anticipated for this Task Order per period. The TOPO will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

Based on the information gathered in Task 2, for each RPS project the contractor shall continue to support RPS project steps 2 through 4 as detailed online. This Task is usually the bulk of effort in any RPS project, and involves substantial interaction with state and other data source owners, communication to finalize how specific indicators will be measured (may involve 2 or more iterations of an indicators status spreadsheet while under development), and substantial time measuring and compiling indicators into a master RPS database file. The RPS database shall be a geospatial database in file formats supported by EPA and the state client (e.g., ESRI file geodatabase). The contractor shall document all assumptions and methods used in measuring indicators. At any point during development, the draft master attributes file (RPS indicator values for all watersheds being screened) shall be available in spreadsheet format upon request for circulation among project participants. Under this Task, all candidate metrics identified in Task 2 should eventually be compiled, altered, or rejected, with TOPO approval. Near or at this completion stage, the contractor shall also demonstrate the RPS scoring tool using an example application of interest and a selection of appropriate metrics available for the state, providing this to EPA and the state as a first demonstration of the draft RPS database. Note that some uncertainty in duration of this project phase is likely due to variable state availability, capacity, or data source issues, any of which can disrupt project timelines.

Task 3 Deliverables (per project):

- 3a. RPS indicators status spreadsheet;
- 3b. RPS metrics master database file (attributes spreadsheet);
- 3c. Assumptions and methods used in measuring RPS metrics;
- 3d. Initial RPS scoring demonstration for client state

**TASK 4: RPS Workshop and Tech Transfer**

This Task is project-specific meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPO through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOPO. Three RPS projects are assumed anticipated for this Task Order per period. The TOPO will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

At the point of RPS database completion or near-completion a tech transfer workshop shall be arranged and carried out by the contractor in coordination with EPA and the state participants, as an onsite, two-day event. This event reconvenes the participants in the state kickoff meeting to:

- Present the database developed from their kickoff specifications;
- Refresh the RPS techniques and applications of interest to the state;
- Carry out and personally assist hands-on training exercises using state RPS data;
- Archive all state applications files (screening purpose, indicators selected, weights, watersheds screened, results files including scoring spreadsheets, bubble plots and maps) carried out during workshop exercises – delivered to EPA TOPO;
- Compile a follow-up summary of the workshop transmitting files of interest (e.g., RPS products from workshop exercises, any follow-up actions) to participants.

The transfer workshop shall also identify opportunities for a last round of data compilation or applications assistance that may help the state apply RPS. These additional data development tasks may be authorized by the TOPO through written Technical Direction only. When the project is considered essentially complete according to the TOPO, the contractor shall copy the entire file geodatabase (or other format approved by TOPO) to the EPA and the state.

Task 4 Deliverables (per project):

- 4a. Workshop materials package development;
- 4b. Facilitated onsite two-day workshop;
- 4c. Archived workshop applications files;
- 4d. Follow-up workshop summary;
- 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state.

**TASK 5: Recovery Potential Tools, Data and Methods Improvements**

This Task is not project-specific, and covers contractor support for specific RPS improvements authorized by the TOPO only through written Technical Direction.

A variety of RPS tools and information resources have been developed over the years to assist state RPS users. Needs to revise and improve RPS tools may arise from time to time, but the specifics cannot be predicted in advance. Thus, this Task Order describes the main areas of potential improvements at a general level of detail with clarifying details to be provided through Technical Direction. Specific improvements in any of these areas shall be carried out by the contractor only if directed by the TOPO through written Technical Direction that will clarify the details in one or more of the general topic areas discussed below:

**A. Website revisions**

The contractor shall support changes as required by the EPA TOPO to correct or improve the website's functionality, if user feedback to EPA reveals any such needs. The RPS website contains a variety of technical tools and informational resources designed to help states assess and compare the restorability of their impaired waters. These resources include but are not limited to: screening methodology directions, recovery potential indicators lists, indicator reference sheets, a recovery literature database, results plotting tools, index calculation tools, screening project reports and papers, and links to related tools from other websites. If directed, the contractor shall develop replacements or additions to the website in formats that can be

reviewed and approved by the EPA TOPO and then transferred to the EPA web group with an EPA request for website modification.

#### B. Tool enhancements

Example tools include the RPS auto-scoring spreadsheet, the bubble-plotting script (see website), and ArcGIS processing methods or tools developed for measuring RPS indicators. If directed, the contractor shall improve the functionality of the recovery potential scoring spreadsheet, the results plotting program, or other existing or new RPS tools that will help RPS users calculate and display their own recovery potential screening results.

#### C. Information resources improvements

Examples of RPS information resources include recovery potential indicators, indicator reference sheets, and the Restoration and Recovery Literature Database (see website). The contractor shall continue adding to the content of existing and/or new indicators and their related indicator reference sheets if directed. The enhancements may include adding more bulletized excerpts from technical publications, measurement technique options for each indicator, and specific URL hot links to commonly available data sources. The contractor shall also incrementally add to the Restoration and Recovery Literature Database, by adding papers used and referenced in the indicator reference sheets; additional papers may be provided by the EPA TOPO or found by the contractor if requested by the TOPO through technical direction to search the technical literature and other sources. The most recent version of the Database shall be updated prior to the end of the Task Order project period.

#### D. Methodology improvements

The contractor shall revise and improve specific components of the screening methodology if directed. Examples of methodological components that may be selected for improvement are: brief written directions for correlation analysis among the indicators; a brief written approach for weighting indicators; a brief written account of statistical applications that could be used with screening results; and, other small methodological components that can be improved.

#### E. Data sources

The GIS data often used in RPS projects are often available as national datasets from which the same RPS indicator may be calculated the same way in several individual state projects. It is generally cost-effective to track the availability of existing metrics already measured on a watershed basis, as well as to nationally measure an indicator that is highly likely to be used in multiple state projects. If directed, the contractor shall make national-scale indicator datasets available to EPA and to multiple RPS projects by one or more of the following:

- Summarize contact information and data access procedures for existing, publicly available datasets already measured on a commonly used geospatial unit (e.g., HUC8, HUC12, catchment);
- Obtain national-scale indicator datasets useful for RPS and measure indicator values on a commonly used geospatial unit;
- Document the processing method (e.g., create an ArcGIS model) tracing the steps for measuring the indicator value
- Combine multiple national datasets in order to measure a new indicator or index value on a commonly used geospatial unit.

#### Task 5 Deliverables:



- 5a. RPS website improvements, if specified in written Technical Direction by EPA TOPO
- 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOPO
- 5c. RPS information resources improvements, if specified in written Technical Direction by EPA TOPO
- 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOPO
- 5e. RPS nationally measured datasets and related measurement tools or methods, if specified in written Technical Direction by EPA TOPO

**C. SCHEDULE OF BENCHMARKS, DELIVERABLES & MILESTONES:**

| <b>Base Period: 12 months</b>                             |  |  |
|---|--|--|
| <b>TASK</b>   | <b>BENCHMARK / DELIVERABLE / MILESTONES</b>  | <b>SCHEDULE</b>  |
| <b>1</b>  | 1a. Written summary of QAPP update check.  | Within 30 days of TO Award   |
| <b>1</b>  | 1b. QAPP update, if requested through Technical Direction.   | 10-15 business days after receipt of written technical direction                       |
| <b>1</b>  | 1c. Progress report pre-midyear  | NLT 60 days prior to midpoint of base year   |
| <b>1</b>  | 1d. Progress report pre-end of year  | NLT 60 days prior to end of base year  |
| <b>1</b>  | 1e. Monthly progress reports per contract requirement  | As specified in contract   |
| <b>2 - 4</b>  | STATE 1 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 0 – Day 180 of Task year   |
| <b>2 - 4</b>  | STATE 2 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 90– Day 270 of Task year   |
| <b>2 - 4</b>  | STATE 3 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 180 – Day 360 of Task year   |
| <b>STATE PROJECT DETAILED DELIVERABLES AND MILESTONES</b> |  |  |
| <b>2</b>  | 2a. Kickoff meeting prep materials package   | Within 5 days of beginning of each state project                                       |
| <b>2</b>  | 2b. Facilitated onsite kickoff meeting   | Within 30 days of beginning of each state project                                      |
| <b>2</b>  | 2c. RPS applications list (format provided by TOPO)  | Within 10 days after kickoff meeting   |
| <b>2</b>  | 2d. RPS candidate metrics spreadsheet (format provided by TOPO)  | Within 10 days after kickoff meeting   |
| <b>3</b>  | 3a. RPS indicators status spreadsheet  | 5 business days after receipt of written technical direction [incrementally as needed] |

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| 3  | 3b. RPS metrics master database file (attributes spreadsheet)   | Within 120 days of beginning of each state project               |
| 3  | 3c. Assumptions and methods used in measuring RPS metrics;  | Within 120 days of beginning of each state project               |
| 3  | 3d. Initial RPS scoring demonstration for client state  | Within 130 days of beginning of each state project               |
| 4  | 4a. Workshop materials package development;   | Within 140 days of beginning of each state project               |
| 4  | 4b. Facilitated onsite two-day workshop   | Within 160 days of beginning of each state project               |
| 4  | 4c. Archived workshop applications files  | Within 10 days after meeting [day 170]                           |
| 4  | 4d. Follow-up workshop summary  | Within 10 days after meeting [day 170]                           |
| 4  | 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state   | Within 180 days of beginning of each state project               |
| <b>RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED</b> |   |  |
| 5  | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOPO                                   | 10-15 business days after receipt of written technical direction |
| 5  | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOPO                                      | 10-15 business days after receipt of written technical direction |
| 5  | 5c. RPS information resources improvements, if specified in written Technical Direction by TOPO                         | 10-15 business days after receipt of written technical direction |
| 5  | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOPO                               | 10-15 business days after receipt of written technical direction |
| 5  | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOPO | 10-15 business days after receipt of written technical direction |
| <b>Option Period 1: 12 months</b>                              |   |  |
| <b>TASK</b>  | <b>BENCHMARK / DELIVERABLE / MILESTONES</b>   | <b>SCHEDULE</b>  |
| 1  | 1a. Written summary of QAPP update check.   | Within 30 days of beginning of new Option Period                 |
| 1  | 1b. QAPP update, if requested through Technical Direction.  | 10-15 business days after receipt of written technical direction |
| 1  | 1c. Progress report pre-midyear   | NLT 60 days prior to midpoint of option year                     |
| 1  | 1d. Progress report pre-end of year   | NLT 60 days prior to end of option year                          |
| 1  | 1e. Monthly progress reports per contract requirement   | As specified in contract   |
| 2 - 4  | STATE 4 PROJECT<br>(see detailed deliverables' 2a thru 4e below; these are repeated for each state project allowing for | Day 0 – Day 180 of Task year                                     |

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|  | different start times during the Task year)  |  |
| 2 - 4  | STATE 5 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 90– Day 270 of Task year   |
| 2 - 4  | STATE 6 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 180 – Day 360 of Task year   |
| <b>STATE PROJECT DETAILED DELIVERABLES AND MILESTONES</b>      |  |  |
| 2  | 2a. Kickoff meeting prep materials package   | Within 5 days of beginning of new State project  |
| 2  | 2b. Facilitated onsite kickoff meeting   | Within 30 days of beginning of new State project                                       |
| 2  | 2c. RPS applications list (format provided by TOPO)  | Within 10 days of kickoff meeting  |
| 2  | 2d. RPS candidate metrics spreadsheet (format provided by TOPO)  | Within 10 days of kickoff meeting  |
| 3  | 3a. RPS indicators status spreadsheet  | 5 business days after receipt of written technical direction [incrementally as needed] |
| 3  | 3b. RPS metrics master database file (attributes spreadsheet)  | Within 120 days of beginning of new State project                                      |
| 3  | 3c. Assumptions and methods used in measuring RPS metrics;   | Within 120 days of beginning of new State project                                      |
| 3  | 3d. Initial RPS scoring demonstration for client state   | Within 130 days of beginning of new State project                                      |
| 4  | 4a. Workshop materials package development;  | Within 140 days of beginning of new State project                                      |
| 4  | 4b. Facilitated onsite two-day workshop  | Within 160 days of beginning of new Option Period                                      |
| 4  | 4c. Archived workshop applications files   | Within 10 days after meeting [day 170]   |
| 4  | 4d. Follow-up workshop summary   | Within 10 days after meeting [day 170]   |
| 4  | 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state  | Within 180 days of beginning of new state project                                      |
| <b>RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED</b> |  |  |
| 5  | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOPO  | 10-15 business days after receipt of written technical direction                       |
| 5  | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOPO   | 10-15 business days after receipt of written technical direction                       |
| 5  | 5c. RPS information resources improvements, if specified in written Technical Direction by TOPO  | 10-15 business days after receipt of written technical direction                       |

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| 5   | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOPO  | 10-15 business days after receipt of written technical direction                       |
| 5   | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOPO  | 10-15 business days after receipt of written technical direction                       |
| <b>Option Period 2: 12 months</b>                         |  |  |
| <b>TASK</b>   | <b>BENCHMARK / DELIVERABLE / MILESTONES</b>  | <b>SCHEDULE</b>  |
| 1   | 1a. Written summary of QAPP update check.  | Within 30 days of beginning of new Option Period                                       |
| 1   | 1b. QAPP update, if requested through Technical Direction.   | 10-15 business days after receipt of written technical direction                       |
| 1   | 1c. Progress report pre-midyear  | NLT 60 days prior to midpoint of option year   |
| 1   | 1d. Progress report pre-end of year  | NLT 60 days prior to end of option year  |
| 1   | 1e. Monthly progress reports per contract requirement  | As specified in contract   |
| 2 - 4   | STATE 7 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 0 – Day 180 of Task year   |
| 2 - 4   | STATE 8 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 90– Day 270 of Task year   |
| 2 - 4   | STATE 9 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 180 – Day 360 of Task year   |
| <b>STATE PROJECT DETAILED DELIVERABLES AND MILESTONES</b> |  |  |
| 2   | 2a. Kickoff meeting prep materials package   | Within 5 days of beginning of new State project  |
| 2   | 2b. Facilitated onsite kickoff meeting   | Within 30 days of beginning of new State project                                       |
| 2   | 2c. RPS applications list (format provided by TOPO)  | Within 10 days after kickoff meeting   |
| 2   | 2d. RPS candidate metrics spreadsheet (format provided by TOPO)  | Within 10 days after kickoff meeting   |
| 3   | 3a. RPS indicators status spreadsheet  | 5 business days after receipt of written technical direction [incrementally as needed] |
| 3   | 3b. RPS metrics master database file (attributes spreadsheet)  | Within 120 days of beginning of new State project                                      |



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| 3  | 3c. Assumptions and methods used in measuring RPS metrics;  | Within 120 days of beginning of new State project                |
| 3  | 3d. Initial RPS scoring demonstration for client state  | Within 130 days of beginning of new State project                |
| 4  | 4a. Workshop materials package development;   | Within 140 days of beginning of new State project                |
| 4  | 4b. Facilitated onsite two-day workshop   | Within 160 days of beginning of new State project                |
| 4  | 4c. Archived workshop applications files  | Within 10 days after meeting [day 170]                           |
| 4  | 4d. Follow-up workshop summary  | Within 10 days after meeting [day 170]                           |
| 4  | 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state   | Within 180 days of beginning of new State project                |
| <b>RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED</b> |   |  |
| 5  | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOPO   | 10-15 business days after receipt of written technical direction |
| 5  | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOPO  | 10-15 business days after receipt of written technical direction |
| 5  | 5c. RPS information resources improvements, if specified in written Technical Direction by TOPO   | 10-15 business days after receipt of written technical direction |
| 5  | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOPO   | 10-15 business days after receipt of written technical direction |
| 5  | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOPO   | 10-15 business days after receipt of written technical direction |
| <b>Option Period 3: 12 months</b>                              |   |  |
| <b>TASK</b>  | <b>BENCHMARK / DELIVERABLE / MILESTONES</b>   | <b>SCHEDULE</b>  |
| 1  | 1a. Written summary of QAPP update check.   | Within 30 days of beginning of new Option Period                 |
| 1  | 1b. QAPP update, if requested through Technical Direction.  | 10-15 business days after receipt of written technical direction |
| 1  | 1c. Progress report pre-midyear   | NLT 60 days prior to midpoint of option year                     |
| 1  | 1d. Progress report pre-end of year   | NLT 60 days prior to end of option year                          |
| 1  | 1e. Monthly progress reports per contract requirement   | As specified in contract   |
| 2 - 4  | STATE 10 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 0 – Day 180 of Task year                                     |
| 2 - 4  | STATE 11 PROJECT  | Day 90– Day 270 of Task year                                     |

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|  | (see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year)                     |  |
| 2 - 4  | STATE 12 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 180 – Day 360 of Task year   |
| <b>STATE PROJECT DETAILED DELIVERABLES AND MILESTONES</b>      |   |  |
| 2  | 2a. Kickoff meeting prep materials package  | Within 5 days of beginning of new State project  |
| 2  | 2b. Facilitated onsite kickoff meeting  | Within 30 days of beginning of new State project                                       |
| 2  | 2c. RPS applications list (format provided by TOPO)   | Within 10 days after kickoff meeting   |
| 2  | 2d. RPS candidate metrics spreadsheet (format provided by TOPO)   | Within 10 days after kickoff meeting   |
| 3  | 3a. RPS indicators status spreadsheet   | 5 business days after receipt of written technical direction [incrementally as needed] |
| 3  | 3b. RPS metrics master database file (attributes spreadsheet)   | Within 120 days of beginning of new State project                                      |
| 3  | 3c. Assumptions and methods used in measuring RPS metrics;  | Within 120 days of beginning of new State project                                      |
| 3  | 3d. Initial RPS scoring demonstration for client state  | Within 130 days of beginning of new State project                                      |
| 4  | 4a. Workshop materials package development;   | Within 140 days of beginning of new State project                                      |
| 4  | 4b. Facilitated onsite two-day workshop   | Within 160 days of beginning of new State project                                      |
| 4  | 4c. Archived workshop applications files  | Within 10 days after meeting [day 170]   |
| 4  | 4d. Follow-up workshop summary  | Within 10 days after meeting [day 170]   |
| 4  | 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state   | Within 180 days of beginning of new State project                                      |
| <b>RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED</b> |   |  |
| 5  | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOPO   | 10-15 business days after receipt of written technical direction                       |
| 5  | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOPO  | 10-15 business days after receipt of written technical direction                       |
| 5  | 5c. RPS information resources improvements, if specified in written Technical Direction by TOPO   | 10-15 business days after receipt of written technical direction                       |
| 5  | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOPO   | 10-15 business days after receipt of written technical direction                       |

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| 5   | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOPO   | 10-15 business days after receipt of written technical direction                       |
| <b>Option Period 4: 11 months</b>                         |   |  |
| <b>TASK</b>   | <b>BENCHMARK / DELIVERABLE / MILESTONES</b>   | <b>SCHEDULE</b>  |
| 1   | 1a. Written summary of QAPP update check.   | Within 30 days of beginning of new Option Period                                       |
| 1   | 1b. QAPP update, if requested through Technical Direction.  | 10-15 business days after receipt of written technical direction                       |
| 1   | 1c. Progress report pre-midyear   | NLT 60 days prior to midpoint of option year   |
| 1   | 1d. Progress report pre-end of year   | NLT 60 days prior to end of option year  |
| 1   | 1e. Monthly progress reports per contract requirement   | As specified in contract   |
| 2 - 4   | STATE 13 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 0 – Day 180 of Task year   |
| 2 - 4   | STATE 14 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 90– Day 270 of Task year   |
| 2 - 4   | STATE 15 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 180 – Day 360 of Task year   |
| <b>STATE PROJECT DETAILED DELIVERABLES AND MILESTONES</b> |   |  |
| 2   | 2a. Kickoff meeting prep materials package  | Within 5 days of beginning of new State project  |
| 2   | 2b. Facilitated onsite kickoff meeting  | Within 30 days of beginning of new State project                                       |
| 2   | 2c. RPS applications list (format provided by TOPO)   | Within 10 days after kickoff meeting   |
| 2   | 2d. RPS candidate metrics spreadsheet (format provided by TOPO)   | Within 10 days after kickoff meeting   |
| 3   | 3a. RPS indicators status spreadsheet   | 5 business days after receipt of written technical direction [incrementally as needed] |
| 3   | 3b. RPS metrics master database file (attributes spreadsheet)   | Within 120 days of beginning of new State project                                      |
| 3   | 3c. Assumptions and methods used in measuring RPS metrics;  | Within 120 days of beginning of new State project                                      |

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| 3  | 3d. Initial RPS scoring demonstration for client state  | Within 130 days of beginning of new State project                |
| 4  | 4a. Workshop materials package development;   | Within 140 days of beginning of new State project                |
| 4  | 4b. Facilitated onsite two-day workshop   | Within 160 days of beginning of new State project                |
| 4  | 4c. Archived workshop applications files  | Within 10 days after meeting [day 170]                           |
| 4  | 4d. Follow-up workshop summary  | Within 10 days after meeting [day 170]                           |
| 4  | 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state   | Within 180 days of beginning new state project                   |
| <b>RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED</b> |   |  |
| 5  | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOPO                                   | 10-15 business days after receipt of written technical direction |
| 5  | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOPO                                      | 10-15 business days after receipt of written technical direction |
| 5  | 5c. RPS information resources improvements, if specified in written Technical Direction by TOPO                         | 10-15 business days after receipt of written technical direction |
| 5  | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOPO                               | 10-15 business days after receipt of written technical direction |
| 5  | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOPO | 10-15 business days after receipt of written technical direction |
| <b>END OF TABLE</b>  |   |  |

When the Task Order reaches 30 calendar days prior to the end of the Period of Performance in a given period, the contractor shall make a determination that the deliverables, milestones, benchmarks, and any outstanding technical direction from the TOPO, will be satisfactorily completed in the form requested in the PWS by the end of the Period of Performance and for the remaining funding that is available.

If the contractor determines one or more of the above-referenced items will not be able to be completed in the requested form within the period of performance and with the available funding, the contractor shall notify the TOPO and the CO immediately. Within 5 business days of said notification, the TOPO in coordination with the CO will provide technical direction concerning use of the remaining funding to prepare and furnish to the TOPO all interim draft deliverables, interim work products, and any working files in an electronic format which is supported by EPA, for eventual continuation of the project after the end date of the Task Order.

#### **D. REPORTING**

All documentation and reporting under this Task Order shall be in compliance with contract requirements.

#### **E. DELIVERABLES AND GENERAL PERFORMANCE:**



The contractor shall participate in meetings and conference calls arranged by the EPA Task Order Project Officer. The contractor shall, when requested by the TOPO, provide supporting documentation when EPA is reviewing draft deliverables to facilitate EPA review and approval of the Contractor's work. Documentation shall include the electronic files and detailed, written explanation of all steps and decisions. The Contractor shall comply with this request when it is received from the TOPO regardless of whether such a request is described in the individual tasks of this PWS. The Contractor shall furnish this information in such manner that no proprietary software will be needed for EPA to read, interpret, replicate or model any work product of this agreement, unless otherwise noted in this PWS or by written permission of the EPA TOPO. The objective is that anyone with the appropriate skill level can use the information produced under this Task Order to check or duplicate the Contractor's work for replication and/or verification. With this understanding of how this Task Order's data will be used, any elements essential to successfully replicating analysis shall be provided to EPA in a commonly-used format.

The Contractor shall provide both scientific/technical and editorial review as defined in section 2.6 of the Prime Contract Performance Work Statement on any Task Order **draft** product before submission to the EPA TOPO for review. This process does not need to be performed by an independent peer reviewer. All editorial review comments shall be addressed before deliverables are furnished to the EPA TOPO for review (in the case of draft deliverables) or acceptance (in the case of final deliverables); and any questions raised by scientific/ technical review shall be either addressed or discussed with the EPA TOPO prior to the contractor furnishing draft deliverables.

Upon receipt of written technical direction from the TOPO, the contractor shall furnish:

- **all deliverables (draft and final) to EPA shall be furnished in an electronic version** and in an electronic format that EPA can support (see TSAWP Contract PWS Section 4.0 Deliverables).
- **all final deliverables to EPA shall include one (1) electronic copy and a transmittal email that describes the attached deliverable and summarizes QA procedures applied in its development.** All final deliverables shall be prepared according to EPA publication guidelines and shall be compliant with Section 508 of the **Americans with Disabilities Act**. All electronic and information technology (eit) and all EIT deliverables be Section 508 compliant in accordance with the policies referenced at <http://www.epa.gov/accessibility/>. The contractor shall include documentation which indicates that the contractor has tested the deliverable against applicable Section 508 Standards.

**All submittals** to EPA shall be formatted as described below.

**Electronic submissions** shall be made in the following manner: electronic Microsoft Word© for any written reports, summaries or analysis documents, Microsoft Excel© format for any and all spreadsheets, ESRI file Geodatabase (or other format approved by the EPA TOPO) for geospatial datasets. **Final electronic submissions** shall be on Compact Disk (CD) or Digital Versatile Disc (DVD) if too large to email as attachments or deliver via FTP. Every electronic document and all of the sections, text, graphs, charts or figures shall be unlocked, open and editable so that EPA may make further changes.

Appropriate electronic format that is supported by EPA and printing of all GIS data layers, maps, photos, bench sheets and other written material not easily printed or saved in the above formats shall be discussed and a format agreed upon with the EPA TOPO prior to submittal by the contractor.

**F. ANTICIPATED TRAVEL**

All travel under this Task Order shall be in compliance with contract requirements and only according to specific Technical Direction. (See contract clause H-17). Travel is presently anticipated to be necessary for two onsite events involving two contractors, in each state RPS project, unless otherwise directed by the TOPO.

**G. CONTRACTOR IDENTIFICATION**

Contractor personnel shall always identify themselves as Contractor employees by name and organization and physically display that information through an identification badge. Contractor personnel are prohibited from acting as the Agency's official representative.

The Contractor shall refer any questions relating to the interpretation of EPA policy, guidance, or regulation to the EPA Task Order Project Officer.

**H. Conference/Meeting Guidelines and Limitations:**

The EPA projects that none of the individual meetings identified in these tasks will exceed a total cost of \$25,000. No conferences shall occur under this Task Order. The contractor shall immediately notify the EPA Contracting Officer, PO and TOPO of any anticipated individual event involving support for a meeting that may potentially incur \$23,000 or more in cost during performance. After notifying EPA of the potential to reach this threshold, the Contractor shall not proceed with the task(s) until authorized to do so by the Contracting Officer.

**I. Quality Assurance Surveillance Plan:** per contract requirements

**J. Attachments**

Filename RPS QAPP 110317.PDF: "Recovery Potential Screening Quality Assurance Project Plan" Task Order 0024 and 0035, Contract EP-C-08-002, March 16, 2011. (18 pp)

Filename FINAL QAPP WITH SIGNATURES RECOVERY WEBSITE.PDF: "Quality Assurance Project Plan for Recovery Potential Website Support" Work Assignment 02, Contract EP-C-11-019, June 23, 2011. (30 pp)

|   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
|---|---|------------------------------------|---------------------|--|----------------------|--------------------------------|-----------|--|--|---|--|--|--|---|---|---------------------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |   |                                    | 1. CONTRACT ID CODE |  | PAGE OF PAGES<br>1 4 |                                |           |  |  |   |  |  |  |   |   |                                 |
| 2. AMENDMENT/MODIFICATION NO.<br>001  |   | 3. EFFECTIVE DATE<br>See Block 16C |                     | 4. REQUISITION/PURCHASE REQ. NO.<br>PR-OW-13-00553   |                      | 5. PROJECT NO. (If applicable) |           |  |  |   |  |  |  |   |   |                                 |
| 6. ISSUED BY<br>(FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268   |   | CODE<br>CPOD                       |                     | 7. ADMINISTERED BY (If other than Item 6)<br>CPOD<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |                      | CODE<br>CPOD                   |           |  |  |   |  |  |  |   |   |                                 |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>CADMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603   |   |                                    |                     | (x) 9A. AMENDMENT OF SOLICITATION NO.  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
|   |   |                                    |                     | 9B. DATED (SEE ITEM 11)  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
|   |   |                                    |                     | x 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>EP-C-12-053<br>0001   |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
|   |   |                                    |                     | 10B. DATED (SEE ITEM 13)<br>05/28/2013   |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| CODE (b)(4)   |   | FACILITY CODE                      |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| <b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <span style="float: right;"><input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.</span><br>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required)<br>See Schedule   |   |                                    |                     | Net Increase: (b)(4)   |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| <b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CHECK ONE</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td> </tr> <tr> <td></td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td></td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> <tr> <td style="text-align: center;">X</td> <td>52.232-100 Limitation of Funds.</td> </tr> </table>  |   |                                    |                     |  |                      |                                | CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |  | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: |  | D. OTHER (Specify type of modification and authority) | X | 52.232-100 Limitation of Funds. |
| CHECK ONE   | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
|   | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
|   | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
|   | D. OTHER (Specify type of modification and authority)   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| X   | 52.232-100 Limitation of Funds.   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| <b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| DUNS Number: (b)(4)   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| The purpose of this modification is to provide incremental funding in the amount of \$51,953 for this task order as indicated below:  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| Estimated cost: (b)(4)  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| Fee: (b)(4)   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| This action fully funds the base period of the Task Order.  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| TOPO: Doug Norton Max Expire Date: 09/27/2017   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| LIST OF CHANGES:  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| Continued ...   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| 15A. NAME AND TITLE OF SIGNER (Type or print)   |   |                                    |                     | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)   |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
|   |   |                                    |                     | Noelle Mills   |                      |                                |           |  |  |   |  |  |  |   |   |                                 |
| 15B. CONTRACTOR/OFFEROR   |   | 15C. DATE SIGNED                   |                     | 16B. UNITED STATES OF AMERICA  |                      | 16C. DATE SIGNED               |           |  |  |   |  |  |  |   |   |                                 |
| (Signature of person authorized to sign)  |   |                                    |                     | (Signature of Contracting Officer)   |                      |                                |           |  |  |   |  |  |  |   |   |                                 |

## CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED  
EP-C-12-053/0001/001PAGE OF  
2 4NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)  | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
|                 | <p>Reason for Modification : Funding Only Action<br/>Total Amount for this Modification: \$0.00<br/>New Total Amount for this Version: \$101,953.00<br/>New Total Amount for this Award: \$535,642.00<br/>Obligated Amount for this Modification: \$51,953.00<br/>New Total Obligated Amount for this Award:<br/>\$101,953.00<br/>Incremental Funded Amount changed: from<br/>\$50,000.00 to \$101,953.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 1<br/>Obligated Amount for this modification: \$51,953.00<br/>Incremental Funded Amount changed from \$50,000.00<br/>to \$101,953.00</p> <p>NEW ACCOUNTING CODE ADDED:<br/>Account code:<br/>13-14-B-87FN-202BD4X22-2505---1387NE3005-001<br/>Beginning FiscalYear 13<br/>Ending Fiscal Year 14<br/>Fund (Appropriation) B<br/>Budget Organization 87FN<br/>Program (PRC) 202BD4X22<br/>Budget (BOC) 2505<br/>Job # (Site/Project)<br/>Cost Organization<br/>DCN-LineID 1387NE3005-001<br/>Amount: \$51,953.00<br/>Section B: Clause, EPA-B-32-101, is revised as<br/>follows:<br/>EPA-B-32-101 LIMITATION OF FUNDS NOTICE<br/>(a) Pursuant to the Limitation of Funds clause,<br/>incremental funding in the amount of (b)(4) is<br/>allotted to cover estimated cost. Funding in the<br/>amount of (b)(4) is provided to cover the<br/>corresponding increment of fixed fee. The amount<br/>allotted for costs is estimated to cover the<br/>contractor's performance through 4/30/2014.<br/>(b) When the contract is fully funded as<br/>specified in the Estimated Cost and Fixed Fee<br/>Clause (EP 52.216-190), the Limitation of Cost<br/>clause shall become applicable.<br/>(c) Recapitulation of Funds<br/>See attached recap sheet</p> <p>Continued ...</p> |                 |             |                   |               |

|                           |   |           |         |
|---------------------------|---|-----------|---------|
| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/001 | PAGE<br>3 | OF<br>4 |
|---------------------------|---|-----------|---------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | Payment:<br>RTP Finance Center<br>US Environmental Protection Agency<br>RTP-Finance Center (D143-02)<br>109 TW Alexander Drive<br>Durham NC 27711<br>FOB: Destination<br>Period of Performance: 05/28/2013 to 04/30/2014<br>All other terms and conditions remain unchanged. |                 |             |                   |               |



|   |  |  |  |  |  |
|---|--|--|--|--|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |  | 1. CONTRACT ID CODE  |  | PAGE OF PAGES<br>1 4                                   |  |
| 2. AMENDMENT/MODIFICATION NO.<br>002  |  | 3. EFFECTIVE DATE<br>See Block 16C   |  | 4. REQUISITION/PURCHASE REQ. NO.<br>PR-OW-13-00756     |  |
| 5. PROJECT NO. (If applicable)  |  | 6. ISSUED BY<br>CODE CPOD  |  | 7. ADMINISTERED BY (If other than Item 6)<br>CODE CPOD |  |
| (FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268   |  | CPOD<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268  |  |  |  |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>CADMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603 |  | (x) 9A. AMENDMENT OF SOLICITATION NO.<br><br>9B. DATED (SEE ITEM 11)<br><br>X 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>EP-C-12-053<br>0001<br>10B. DATED (SEE ITEM 13)<br>05/28/2013 |  |  |  |
| CODE (b)(4)   |  | FACILITY CODE  |  |  |  |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$27,000.00  
See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

|           |   |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|           | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
|           | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
| X         | D. OTHER (Specify type of modification and authority)<br>1552.217-71 Option to extend the term of the contract cost type contract and 52.232-22 Limitation of Fund  |

**E. IMPORTANT:** Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: (b)(4)

The purpose of this modification is to 1.) exercise Option Period 1 and 2.) provide incremental funding in the amount of \$27,000. The cost/fee breakdown is as follows:

Estimated Cost: (b)(4)

Fee: (b)(4)

TOPO: Doug Norton Max Expire Date: 09/27/2017

LIST OF CHANGES:

Reason for Modification : Exercise an Option

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

|   |                  |  |                  |
|---|------------------|--|------------------|
| 15A. NAME AND TITLE OF SIGNER (Type or print)                           |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Noelle Mills |                  |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br><br>(Signature of Contracting Officer)    | 16C. DATE SIGNED |

|                           |   |           |         |
|---------------------------|---|-----------|---------|
| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/002 | PAGE<br>2 | OF<br>4 |
|---------------------------|---|-----------|---------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | <p>Period Of Performance End Date changed from<br/>2014-04-30 to 2015-04-30</p> <p>Total Amount for this Modification: \$0.00<br/>New Total Amount for this Version: \$104,541.00<br/>New Total Amount for this Award: \$535,642.00<br/>Obligated Amount for this Modification: \$27,000.00<br/>New Total Obligated Amount for this Award:<br/>\$78,953.00<br/>Incremental Funded Amount changed: from<br/>\$51,953.00 to \$78,953.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 2<br/>Obligated Amount for this modification: \$27,000.00<br/>Incremental Funded Amount changed from \$0.00 to<br/>\$27,000.00<br/>Exercised option</p> <p>NEW DELIVERY LOCATION RECORD:<br/>Amount: \$104,541.00</p> <p>NEW ACCOUNTING CODE ADDED:<br/>Account code:<br/>13-14-B-87FT-202BD4X22-2505---1387NE3011-001<br/>Beginning FiscalYear 13<br/>Ending Fiscal Year 14<br/>Fund (Appropriation) B<br/>Budget Organization 87FT<br/>Program (PRC) 202BD4X22<br/>Budget (BOC) 2505<br/>Job # (Site/Project)<br/>Cost Organization<br/>DCN-LineID 1387NE3011-001<br/>Amount: \$27,000.00</p> <p>Section B: Clause, EPA-B-16-102, is revised as<br/>follows for Option Period I:<br/>EPA-B-16-102 ESTIMATED COST AND FIXED FEE<br/>(a) The estimated cost of this contract is<br/>(b)(4).<br/>(b) The fixed fee is (b)(4)<br/>(c) The total estimated cost and fixed fee is<br/>\$104,541.</p> <p>Section B: Clause, EPA-B-32-101, is revised as<br/>follows for Option Period I:<br/>Continued ...</p> |                 |             |                   |               |

|                           |   |             |
|---------------------------|---|-------------|
| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/002 | PAGE 3 OF 4 |
|---------------------------|---|-------------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)  | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
|                 | <p>EPA-B-32-101 LIMITATION OF FUNDS NOTICE</p> <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 8/3/2014.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>(c) Recapitulation of Funds<br/>See attached recap sheet</p> <p>Payment:<br/> RTP Finance Center<br/> US Environmental Protection Agency<br/> RTP-Finance Center (D143-02)<br/> 109 TW Alexander Drive<br/> Durham NC 27711</p> <p>FOB: Destination<br/> Period of Performance: 05/28/2013 to 04/30/2015<br/> All other terms and conditions remain unchanged.</p> |                 |             |                   |               |



|   |  |   |  |  |  |
|---|--|---|--|--|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |  | 1. CONTRACT ID CODE   |  | PAGE OF PAGES  |  |
|   |  |   |  | 1 4  |  |
| 2. AMENDMENT/MODIFICATION NO.<br>003  |  | 3. EFFECTIVE DATE<br>01/16/2014   |  | 4. REQUISITION/PURCHASE REQ. NO.<br>PR-OW-14-00081             |  |
| 5. PROJECT NO. (If applicable)  |  | 6. ISSUED BY<br>CODE CPOD   |  | 7. ADMINISTERED BY (If other than Item 6)<br>CODE CPOD         |  |
| (FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268   |  | CPOD<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |  |  |  |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>CADMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603 |  | (x)   |  | 9A. AMENDMENT OF SOLICITATION NO.                              |  |
|   |  |   |  | 9B. DATED (SEE ITEM 11)  |  |
|   |  | x   |  | 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>EP-C-12-053<br>0001 |  |
|   |  |   |  | 10B. DATED (SEE ITEM 13)<br>05/28/2013                         |  |
| CODE (b)(4)   |  | FACILITY CODE   |  |  |  |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: \$77,541.00  
See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

|           |   |
|-----------|---|
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |
|           | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |
|           | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |
|           | D. OTHER (Specify type of modification and authority)   |
| X         | 52.232-20 Limitation of Cost  |

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: (b)(4)

The purpose of this modification is to provide incremental funding for Option Period I in the amount of \$77,541, which fully funds Option Period I.

TOPO: Doug Norton Max Expire Date: 09/27/2017

LIST OF CHANGES:

Reason for Modification: Funding Only Action

CHANGES FOR LINE ITEM NUMBER: 2 (Option Period I)

Obligated Amount for this modification: \$77,541.00

Incremental Funded Amount changed from \$27,000.00 to \$104,541.00

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

|   |                  |  |                  |
|---|------------------|--|------------------|
| 15A. NAME AND TITLE OF SIGNER (Type or print)                           |                  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)<br>Noelle Mills |                  |
| 15B. CONTRACTOR/OFFEROR<br><br>(Signature of person authorized to sign) | 15C. DATE SIGNED | 16B. UNITED STATES OF AMERICA<br><br>(Signature of Contracting Officer)    | 16C. DATE SIGNED |

|                           |   |                |
|---------------------------|---|----------------|
| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/003 | PAGE OF<br>2 4 |
|---------------------------|---|----------------|

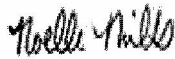
NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | <p>NEW ACCOUNTING CODE ADDED:</p> <p>Account code:<br/>14-15-B-87FN-202BD4X22-2505---1487NE4002-001</p> <p>Beginning Fiscal Year 14</p> <p>Ending Fiscal Year 15</p> <p>Fund (Appropriation) B</p> <p>Budget Organization 87FN</p> <p>Program (PRC) 202BD4X22</p> <p>Budget (BOC) 2505</p> <p>Job # (Site/Project)</p> <p>Cost Organization</p> <p>DCN-LineID 1487NE4002-001</p> <p>Amount: \$77,541.00</p> <p>Payment Address:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (D143-02)<br/>109 TW Alexander Drive<br/>Durham NC 27711</p> <p>Section B: Clause, EPA-B-32-101, is revised as follows for Option Period I:<br/>EPA-B-32-101 LIMITATION OF FUNDS NOTICE</p> <p>(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 4/30/2015.</p> <p>(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.</p> <p>(c) Recapitulation of Funds - See Attachment</p> <p>Delivery Location Code: CPOD<br/>CPOD<br/>US Environmental Protection Agency<br/>26 West Martin Luther King Drive<br/>Mail Code: NWD<br/>Cincinnati OH 45268 USA</p> <p>Payment:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (D143-02)<br/>109 TW Alexander Drive<br/>Durham NC 27711</p> <p>FOB: Destination</p> <p>Period of Performance: 05/28/2013 to 04/30/2015</p> <p>Continued ...</p> |                 |             |                   |               |



NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)                         | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | All other terms and conditions remain unchanged. |                 |             |                   |               |

|  |   |                                    |                     |  |                      |                                |           |  |  |   |   |   |  |   |
|--|---|------------------------------------|---------------------|--|----------------------|--------------------------------|-----------|--|--|---|---|---|--|---|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |   |                                    | 1. CONTRACT ID CODE |  | PAGE OF PAGES<br>1 3 |                                |           |  |  |   |   |   |  |   |
| 2. AMENDMENT/MODIFICATION NO.<br>004   |   | 3. EFFECTIVE DATE<br>See Block 16C |                     | 4. REQUISITION/PURCHASE REQ. NO.   |                      | 5. PROJECT NO. (If applicable) |           |  |  |   |   |   |  |   |
| 6. ISSUED BY<br>(FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268  |   | CODE<br>CPOD                       |                     | 7. ADMINISTERED BY (If other than Item 6)<br>CPOD<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268                   |                      | CODE<br>CPOD                   |           |  |  |   |   |   |  |   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>CADMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603  |   |                                    |                     | (x) 9A. AMENDMENT OF SOLICITATION NO.<br><br>9B. DATED (SEE ITEM 11)<br><br>X 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>EP-C-12-053<br>0001<br>10B. DATED (SEE ITEM 13)<br>05/28/2013 |                      |                                |           |  |  |   |   |   |  |   |
| CODE (b)(4)  |   | FACILITY CODE                      |                     |  |                      |                                |           |  |  |   |   |   |  |   |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  |   |                                    |                     |  |                      |                                |           |  |  |   |   |   |  |   |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.<br>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. |   |                                    |                     |  |                      |                                |           |  |  |   |   |   |  |   |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required)<br>See Schedule  |   |                                    |                     |  |                      |                                |           |  |  |   |   |   |  |   |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  |   |                                    |                     |  |                      |                                |           |  |  |   |   |   |  |   |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">CHECK ONE</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td> </tr> <tr> <td></td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td>X</td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br/>Per mutual agreement of the parties</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> </table>  |   |                                    |                     |  |                      |                                | CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | X | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>Per mutual agreement of the parties |  | D. OTHER (Specify type of modification and authority) |
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|  | D. OTHER (Specify type of modification and authority)   |                                    |                     |  |                      |                                |           |  |  |   |   |   |  |   |
| <b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.   |   |                                    |                     |  |                      |                                |           |  |  |   |   |   |  |   |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)<br>DUNS Number: (b)(4)<br>The purpose of this modification is to increase the Level of Effort (LOE) for the base period from 970 to 1500.<br>The contractor is underrunning on subject Task Order and can accomplish the additional hours within the currently established estimated cost and fixed fee.<br>TOPO: Doug Norton Max Expire Date: 09/27/2017<br>LIST OF CHANGES:<br>Reason for Modification : Supplemental Agreement for work within scope<br>Total Amount for this Modification: \$0.00<br>New Total Amount for this Version: \$101,953.00<br>New Total Amount for this Award: \$535,642.00<br>Continued ...<br>Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.   |   |                                    |                     |  |                      |                                |           |  |  |   |   |   |  |   |
| 15A. NAME AND TITLE OF SIGNER (Type or print)  |   |                                    |                     | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)   |                      |                                |           |  |  |   |   |   |  |   |
|  |   |                                    |                     | Noelle Mills   |                      |                                |           |  |  |   |   |   |  |   |
| 15B. CONTRACTOR/OFFEROR  |   | 15C. DATE SIGNED                   |                     | 16C. DATE SIGNED   |                      |                                |           |  |  |   |   |   |  |   |
| (Signature of person authorized to sign)   |   |                                    |                     | ELECTRONIC SIGNATURE<br>  |                      | 04/02/2014                     |           |  |  |   |   |   |  |   |
| NSN 7540-01-152-8070<br>Previous edition unusable  |   |                                    |                     | STANDARD FORM 30 (REV. 10-83)<br>Prescribed by GSA<br>FAR (48 CFR) 53.243  |                      |                                |           |  |  |   |   |   |  |   |

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| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/004 | PAGE OF<br>2 3 |
|--------------------|---|----------------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | <p>CHANGES FOR LINE ITEM NUMBER: 1<br/>Description changed from</p> <p>Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152<br/>Level of Effort: 970<br/>The government will make provisional fixed fee payments on the basis of percentage of work completed. For CPFF-term-type task orders, percentage of work completed is the ratio of direct labor hours performed to the direct labor hours ordered.</p> <p>to</p> <p>Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152<br/>Level of Effort: 1500</p> <p>The government will make provisional fixed fee payments on the basis of percentage of work completed. For CPFF-term-type task orders, percentage of work completed is the ratio of direct labor hours performed to the direct labor hours ordered.</p> <p>Payment:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (D143-02)<br/>109 TW Alexander Drive<br/>Durham NC 27711</p> <p>FOB: Destination<br/>Period of Performance: 05/28/2013 to 04/30/2015<br/>All other terms and conditions remain unchanged.</p> |                 |             |                   |               |


|  |   |                                    |                     |  |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
|--|---|------------------------------------|---------------------|--|----------------------|--------------------------------|--|-----------|--|--|---|--|--|--|---|---|-----------------------------------|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |   |                                    | 1. CONTRACT ID CODE |  | PAGE OF PAGES<br>1 3 |                                |  |           |  |  |   |  |  |  |   |   |                                   |
| 2. AMENDMENT/MODIFICATION NO.<br>005   |   | 3. EFFECTIVE DATE<br>See Block 16C |                     | 4. REQUISITION/PURCHASE REQ. NO.   |                      | 5. PROJECT NO. (If applicable) |  |           |  |  |   |  |  |  |   |   |                                   |
| 6. ISSUED BY<br>(FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268  |   | CODE<br>CPOD                       |                     | 7. ADMINISTERED BY (If other than Item 6)<br>CPOD<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |                      | CODE<br>CPOD                   |  |           |  |  |   |  |  |  |   |   |                                   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>CADMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603  |   |                                    |                     | (x) 9A. AMENDMENT OF SOLICITATION NO.  |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
|  |   |                                    |                     | 9B. DATED (SEE ITEM 11)  |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
|  |   |                                    |                     | x 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>EP-C-12-053<br>0001   |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
|  |   |                                    |                     | 10B. DATED (SEE ITEM 13)<br>05/28/2013   |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
| CODE (b)(4)  |   | FACILITY CODE                      |                     | 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
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| 12. ACCOUNTING AND APPROPRIATION DATA (If required)<br>See Schedule  |   |                                    |                     | Net Decrease:  |                      | -\$11,712.88                   |  |           |  |  |   |  |  |  |   |   |                                   |
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| X  | FAR 52.232-22 Limitation of Funds   |                                    |                     |  |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
| <b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.   |   |                                    |                     |  |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  |   |                                    |                     |  |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
| DUNS Number: (b)(4)<br>The purpose of this modification is to deobligate unliquidated obligations on the base period of the task order in the amount of \$11,712.88.<br>TOPO: Doug Norton Max Expire Date: 09/27/2017<br>LIST OF CHANGES:<br>Reason for Modification: Funding Only Action<br>Obligated Amount for this Modification: -\$11,712.88<br><br>CHANGES FOR LINE ITEM NUMBER: 1<br>Obligated Amount for this modification: -\$11,712.88<br>Incremental Funded Amount changed from \$101,953.00 to \$90,240.12<br>Continued ...  |   |                                    |                     |  |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
| Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.   |   |                                    |                     |  |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
| 15A. NAME AND TITLE OF SIGNER (Type or print)  |   |                                    |                     | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)   |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
|  |   |                                    |                     | Noelle Mills   |                      |                                |  |           |  |  |   |  |  |  |   |   |                                   |
| 15B. CONTRACTOR/OFFEROR  |   | 15C. DATE SIGNED                   |                     | 11   |                      | 16C. DATE SIGNED               |  |           |  |  |   |  |  |  |   |   |                                   |
| (Signature of person authorized to sign)   |   |                                    |                     | <br><b>ELECTRONIC SIGNATURE</b>   |                      | 07/11/2014                     |  |           |  |  |   |  |  |  |   |   |                                   |

|                           |   |           |         |
|---------------------------|---|-----------|---------|
| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/005 | PAGE<br>2 | OF<br>3 |
|---------------------------|---|-----------|---------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | <p>CHANGES FOR ACCOUNTING CODE:<br/> 13-14-B-87FN-202BD4X22-2505-1387NE3005-001<br/> Account code changed from<br/> 13-14-B-87FN-202BD4X22-2505---1387NE3005-001 to<br/> 13-14-B-87FN-202BD4X22-2505-1387NE3005-001<br/> Amount changed from \$51,953.00 to \$40,240.12<br/> Delivery Location Code: CPOD<br/> CPOD<br/> US Environmental Protection Agency<br/> 26 West Martin Luther King Drive<br/> Mail Code: NWD<br/> Cincinnati OH 45268 USA</p> <p>Payment:<br/> RTP Finance Center<br/> US Environmental Protection Agency<br/> RTP-Finance Center (D143-02)<br/> 109 TW Alexander Drive<br/> Durham NC 27711</p> <p>FOB: Destination<br/> Period of Performance: 05/28/2013 to 04/30/2015<br/> All other terms and conditions remain unchanged.</p> |                 |             |                   |               |

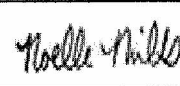


|  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
|--|---|------------------------------------|---------------------|--|----------------------|--------------------------------|-----------|--|--|---|--|--|--|---|---|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |   |                                    | 1. CONTRACT ID CODE |  | PAGE OF PAGES<br>1 3 |                                |           |  |  |   |  |  |  |   |   |  |
| 2. AMENDMENT/MODIFICATION NO.<br>006   |   | 3. EFFECTIVE DATE<br>See Block 16C |                     | 4. REQUISITION/PURCHASE REQ. NO.<br>PR-CPOD-14-00153   |                      | 5. PROJECT NO. (If applicable) |           |  |  |   |  |  |  |   |   |  |
| 6. ISSUED BY<br>(FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268  |   | CODE<br>CPOD                       |                     | 7. ADMINISTERED BY (If other than Item 6)<br>CPOD<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |                      | CODE<br>CPOD                   |           |  |  |   |  |  |  |   |   |  |
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|  |   |                                    |                     | 9B. DATED (SEE ITEM 11)  |                      |                                |           |  |  |   |  |  |  |   |   |  |
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|  |   |                                    |                     | 10B. DATED (SEE ITEM 13)<br>05/28/2013   |                      |                                |           |  |  |   |  |  |  |   |   |  |
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| 12. ACCOUNTING AND APPROPRIATION DATA (If required)<br>See Schedule  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
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|  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
|  | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
|  | D. OTHER (Specify type of modification and authority)   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| X  | Bilateral: FAR 52.232-22 Limitation of Funds  |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| <b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| DUNS Number: (b)(4)  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| The purpose of this modification is to shift funding in the amount of \$115.44 from Option Period I to the Base Period.  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| TOPO: Doug Norton Max Expire Date: 09/27/2017  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| LIST OF CHANGES:   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| Reason for Modification: Funding Only Action   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| Total Amount for this Modification: \$0.00   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| New Total Amount for this Version: \$206,494.00  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| New Total Amount for this Award: \$535,642.00  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| CHANGES FOR LINE ITEM NUMBER: 1 (Base Period)  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| Continued ...  |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.   |   |                                    |                     |  |                      |                                |           |  |  |   |  |  |  |   |   |  |
| 15A. NAME AND TITLE OF SIGNER (Type or print)  |   |                                    |                     | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)   |                      |                                |           |  |  |   |  |  |  |   |   |  |
|  |   |                                    |                     | Noelle Mills   |                      |                                |           |  |  |   |  |  |  |   |   |  |
| 15B. CONTRACTOR/OFFEROR  |   | 15C. DATE SIGNED                   |                     | 16C. DATE SIGNED   |                      |                                |           |  |  |   |  |  |  |   |   |  |
| (Signature of person authorized to sign)   |   |                                    |                     | <br><b>ELECTRONIC SIGNATURE</b>   |                      | 08/05/2014                     |           |  |  |   |  |  |  |   |   |  |
| NSN 7540-01-152-8070<br>Previous edition unusable  |   |                                    |                     | STANDARD FORM 30 (REV. 10-83)<br>Prescribed by GSA<br>FAR (48 CFR) 53.243  |                      |                                |           |  |  |   |  |  |  |   |   |  |

|                           |   |             |
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| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/006 | PAGE 2 OF 3 |
|---------------------------|---|-------------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | <p>Obligated Amount for this modification: \$115.44<br/>Incremental Funded Amount changed from \$90,240.12 to \$90,355.56</p> <p>NEW ACCOUNTING CODE ADDED:<br/>Account code:<br/>13-14-B-87FT-202BD4X22-2505-1387NE3011-001<br/>Beginning Fiscal Year 13<br/>Ending Fiscal Year 14<br/>Fund (Appropriation) B<br/>Budget Organization 87FT<br/>Program (PRC) 202BD4X22<br/>Budget (BOC) 2505<br/>Job # (Site/Project)<br/>Cost Organization<br/>DCN-LineID 1387NE3011-001<br/>Amount: \$115.44</p> <p>Payment Address:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (D143-02)<br/>109 TW Alexander Drive<br/>Durham NC 27711</p> <p>CHANGES FOR LINE ITEM NUMBER: 2 (Option Period I)<br/>Obligated Amount for this modification: -\$115.44<br/>Incremental Funded Amount changed from \$104,541.00 to \$104,425.56</p> <p>CHANGES FOR ACCOUNTING CODE:<br/>13-14-B-87FT-202BD4X22-2505---1387NE3011-001<br/>Amount changed from \$27,000.00 to \$26,884.56<br/>Delivery Location Code: CPOD<br/>CPOD<br/>US Environmental Protection Agency<br/>26 West Martin Luther King Drive<br/>Mail Code: NWD<br/>Cincinnati OH 45268 USA</p> <p>Payment:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (D143-02)<br/>109 TW Alexander Drive<br/>Durham NC 27711</p> <p>FOB: Destination<br/>Period of Performance: 05/28/2013 to 04/30/2015<br/>All other terms and conditions remain unchanged.</p> |                 |             |                   |               |

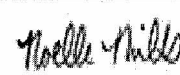
|  |   |                   |  |   |  |                                |  |
|--|---|-------------------|--|---|--|--------------------------------|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |   |                   |  | 1. CONTRACT ID CODE   |  | PAGE OF PAGES                  |  |
|  |   |                   |  |   |  | 1      3                       |  |
| 2. AMENDMENT/MODIFICATION NO.  |   | 3. EFFECTIVE DATE |  | 4. REQUISITION/PURCHASE REQ. NO.  |  | 5. PROJECT NO. (If applicable) |  |
| 007  |   | See Block 16C     |  | PR-CPOD-15-00031  |  |                                |  |
| 6. ISSUED BY   |   | CODE              |  | 7. ADMINISTERED BY (If other than Item 6)   |  | CODE                           |  |
|  |   | CPOD              |  |   |  | CPOD                           |  |
| (FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268  |   |                   |  | CPOD<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |  |                                |  |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  |   |                   |  | (x) 9A. AMENDMENT OF SOLICITATION NO.   |  |                                |  |
| CADMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603   |   |                   |  |   |  |                                |  |
|  |   |                   |  | 9B. DATED (SEE ITEM 11)   |  |                                |  |
|  |   |                   |  | x 10A. MODIFICATION OF CONTRACT/ORDER NO.   |  |                                |  |
|  |   |                   |  | EP-C-12-053   |  |                                |  |
|  |   |                   |  | 0001  |  |                                |  |
|  |   |                   |  | 10B. DATED (SEE ITEM 13)  |  |                                |  |
|  |   |                   |  | 05/28/2013  |  |                                |  |
| CODE   |   | (b)(4)            |  | FACILITY CODE   |  |                                |  |
| <b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>   |   |                   |  |   |  |                                |  |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.<br>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. |   |                   |  |   |  |                                |  |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required)  |   |                   |  | Net Increase: (b)(4)  |  |                                |  |
| See Schedule   |   |                   |  |   |  |                                |  |
| <b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>   |   |                   |  |   |  |                                |  |
| CHECK ONE  | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |                   |  |   |  |                                |  |
|  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |                   |  |   |  |                                |  |
|  | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:  |                   |  |   |  |                                |  |
|  | D. OTHER (Specify type of modification and authority)   |                   |  |   |  |                                |  |
| X  | FAR 52.232-22 Limitation of Funds   |                   |  |   |  |                                |  |
| <b>E. IMPORTANT:</b> Contractor <input checked="" type="checkbox"/> is not. <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.  |   |                   |  |   |  |                                |  |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  |   |                   |  |   |  |                                |  |
| DUNS Number: (b)(4)  |   |                   |  |   |  |                                |  |
| The purpose of this modification is to pull (b)(4) of funding from the fiduciary reserve for pay for Indirect Rate Adjustment Voucher FY14-1-13.   |   |                   |  |   |  |                                |  |
| TOPO: Doug Norton Max Expire Date: 09/27/2017  |   |                   |  |   |  |                                |  |
| LIST OF CHANGES:   |   |                   |  |   |  |                                |  |
| Reason for Modification: Funding Only Action   |   |                   |  |   |  |                                |  |
| Obligated Amount for this Modification: (b)(4)   |   |                   |  |   |  |                                |  |
| CHANGES FOR LINE ITEM NUMBER: 1  |   |                   |  |   |  |                                |  |
| Obligated Amount for this modification: (b)(4)   |   |                   |  |   |  |                                |  |
| Continued ...  |   |                   |  |   |  |                                |  |
| Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.   |   |                   |  |   |  |                                |  |
| 15A. NAME AND TITLE OF SIGNER (Type or print)  |   |                   |  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)  |  |                                |  |
|  |   |                   |  | Noelle Mills  |  |                                |  |
| 15B. CONTRACTOR/OFFEROR  |   | 15C. DATE SIGNED  |  | 16C. DATE SIGNED  |  | 16B. DATE SIGNED               |  |
| (Signature of person authorized to sign)   |   |                   |  | <br><b>ELECTRONIC SIGNATURE</b>      |  | 01/12/2015                     |  |
| NSN 7540-01-152-8070<br>Previous edition unusable  |   |                   |  | STANDARD FORM 30 (REV. 10-83)<br>Prescribed by GSA<br>FAR (48 CFR) 53.243   |  |                                |  |

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|---------------------------|---|----------------|
| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/007 | PAGE OF<br>2 3 |
|---------------------------|---|----------------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)  | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
|                 | <p>CHANGES FOR ACCOUNTING CODE:<br/>13-14-B-87FN-202BD4X22-2505-1387NE3005-001<br/>Amount changed from (b)(4)<br/>Delivery Location Code: CPOD<br/>CPOD<br/>US Environmental Protection Agency<br/>26 West Martin Luther King Drive<br/>Mail Code: NWD<br/>Cincinnati OH 45268 USA</p> <p>Payment:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (D143-02)<br/>109 TW Alexander Drive<br/>Durham NC 27711</p> <p>FOB: Destination<br/>Period of Performance: 05/28/2013 to 04/30/2015<br/>All other terms and conditions remain unchanged.</p> |                 |             |                   |               |



|  |   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
|--|---|---------------------------------|--|--|--|--------------------------------|--|-----------|--|--|---|---|---|--|---|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |   |                                 |  | 1. CONTRACT ID CODE  |  | PAGE OF PAGES<br>1 3           |  |           |  |  |   |   |   |  |   |
| 2. AMENDMENT/MODIFICATION NO.<br>008   |   | 3. EFFECTIVE DATE<br>03/24/2015 |  | 4. REQUISITION/PURCHASE REQ. NO.<br>PR-CPOD-14-00153   |  | 5. PROJECT NO. (If applicable) |  |           |  |  |   |   |   |  |   |
| 6. ISSUED BY<br>(FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268  |   | CODE<br>CPOD                    |  | 7. ADMINISTERED BY (If other than Item 6)<br>CPOD<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |  | CODE<br>CPOD                   |  |           |  |  |   |   |   |  |   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>CADMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603  |   |                                 |  | (x) 9A. AMENDMENT OF SOLICITATION NO.  |  |                                |  |           |  |  |   |   |   |  |   |
|  |   |                                 |  | 9B. DATED (SEE ITEM 11)  |  |                                |  |           |  |  |   |   |   |  |   |
|  |   |                                 |  | x 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>EP-C-12-053<br>0001   |  |                                |  |           |  |  |   |   |   |  |   |
|  |   |                                 |  | 10B. DATED (SEE ITEM 13)<br>05/28/2013   |  |                                |  |           |  |  |   |   |   |  |   |
| CODE (b)(4)  |   | FACILITY CODE                   |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| <b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>   |   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.<br>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. |   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required)<br>See Schedule  |   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| <b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>   |   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">CHECK ONE</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td> </tr> <tr> <td></td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td>X</td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br/>Per mutual agreement of both parties; FAR 1552.211-73</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> </table>  |   |                                 |  |  |  |                                |  | CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | X | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>Per mutual agreement of both parties; FAR 1552.211-73 |  | D. OTHER (Specify type of modification and authority) |
| CHECK ONE  | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
|  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| X  | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>Per mutual agreement of both parties; FAR 1552.211-73   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
|  | D. OTHER (Specify type of modification and authority)   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| <b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 0 copies to the issuing office.  |   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  |   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| DUNS Number: (b)(4)  |   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| The purpose of this modification is increase the Option Period I LOE (790) by 280 hours for a total of 1250 hours within the scope of the PWS. The LOE increase will be for no additional cost to the Government as requested by Cadmus in the email dtd 2/19/15.<br>TOCOR: Doug Norton Max Expire Date: 09/27/2017<br>LIST OF CHANGES:<br>Reason for Modification : Supplemental Agreement for work within scope<br>Total Amount for this Modification: \$0.00<br><br>CHANGES FOR LINE ITEM NUMBER: 2<br>Description changed from Option Period 1 - Provide services in accordance with attached<br>Continued ...<br><br>Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.   |   |                                 |  |  |  |                                |  |           |  |  |   |   |   |  |   |
| 15A. NAME AND TITLE OF SIGNER (Type or print)  |   |                                 |  | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)   |  |                                |  |           |  |  |   |   |   |  |   |
|  |   |                                 |  | Noelle Mills   |  |                                |  |           |  |  |   |   |   |  |   |
| 15B. CONTRACTOR/OFFEROR  |   | 15C. DATE SIGNED                |  | 16C. DATE SIGNED   |  | 16B. DATE SIGNED               |  |           |  |  |   |   |   |  |   |
| (Signature of person authorized to sign)   |   |                                 |  | ELECTRONIC SIGNATURE<br>  |  | 03/24/2015                     |  |           |  |  |   |   |   |  |   |
| NSN 7540-01-152-8070<br>Previous edition unusable  |   |                                 |  | STANDARD FORM 30 (REV. 10-83)<br>Prescribed by GSA<br>FAR (48 CFR) 53.243  |  |                                |  |           |  |  |   |   |   |  |   |



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| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/008 | PAGE OF<br>2 3 |
|---------------------------|---|----------------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | <p>Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152</p> <p>Level of Effort: 970 to Option Period 1 - Provide services in accordance with attached Performance Work Statement entitled, "Recovery potential screening support." This task order award is a result of RFP PR-OW-13-00152</p> <p>Level of Effort: 1250</p> <p>Delivery Location Code: CPOD<br/>CPOD<br/>US Environmental Protection Agency<br/>26 West Martin Luther King Drive<br/>Mail Code: NWD<br/>Cincinnati OH 45268 USA</p> <p>Payment:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (D143-02)<br/>109 TW Alexander Drive<br/>Durham NC 27711</p> <p>FOB: Destination<br/>Period of Performance: 05/28/2013 to 04/30/2015<br/>All other terms and conditions remain unchanged.</p> |                 |             |                   |               |

|  |   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
|--|---|------------------------------------|---------------------|--|------------------------|--------------------------------|-----------|--|--|---|---|--|--|---|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |   |                                    | 1. CONTRACT ID CODE |  | PAGE OF PAGES<br>1   3 |                                |           |  |  |   |   |  |  |   |
| 2. AMENDMENT/MODIFICATION NO.<br>010   |   | 3. EFFECTIVE DATE<br>See Block 16C |                     | 4. REQUISITION/PURCHASE REQ. NO.<br>PR-CPOD-15-00108   |                        | 5. PROJECT NO. (If applicable) |           |  |  |   |   |  |  |   |
| 6. ISSUED BY<br>(FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268  |   | CODE<br>CPOD                       |                     | 7. ADMINISTERED BY (If other than Item 6)<br>CPOD<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |                        | CODE<br>CPOD                   |           |  |  |   |   |  |  |   |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>CADMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603  |   |                                    |                     | (x) 9A. AMENDMENT OF SOLICITATION NO.  |                        |                                |           |  |  |   |   |  |  |   |
|  |   |                                    |                     | 9B. DATED (SEE ITEM 11)  |                        |                                |           |  |  |   |   |  |  |   |
|  |   |                                    |                     | x 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>EP-C-12-053<br>0001   |                        |                                |           |  |  |   |   |  |  |   |
|  |   |                                    |                     | 10B. DATED (SEE ITEM 13)<br>05/28/2013   |                        |                                |           |  |  |   |   |  |  |   |
| CODE<br>(b)(4)   |   | FACILITY CODE                      |                     | 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  |                        |                                |           |  |  |   |   |  |  |   |
|  |   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended. <input type="checkbox"/> is not extended.<br>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. |   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required)<br>See Schedule  |   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.  |   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">CHECK ONE</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td> </tr> <tr> <td></td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td>X</td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br/>By mutual agreement; 52.232-20 Limitation of Costs &amp; 52.232-22 Limitation of Funds</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> </table>   |   |                                    |                     |  |                        |                                | CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | X | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>By mutual agreement; 52.232-20 Limitation of Costs & 52.232-22 Limitation of Funds |  | D. OTHER (Specify type of modification and authority) |
| CHECK ONE  | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
|  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| X  | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>By mutual agreement; 52.232-20 Limitation of Costs & 52.232-22 Limitation of Funds  |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
|  | D. OTHER (Specify type of modification and authority)   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| <b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.   |   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  |   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| DUNS Number: (b)(4)<br>The purpose of this modification is to 1.) Shift \$1736.00 from Option Period I to Option Period II and 2.) Fully fund Option Period II.<br>TOCOR: Doug Norton Max Expire Date: 09/27/2017<br>LIST OF CHANGES:<br>Reason for Modification : Funding Only Action<br>Total Amount for this Modification: \$0.00<br><br>CHANGES FOR LINE ITEM NUMBER: 2<br>Obligated Amount for this modification: -\$1,736.00<br>Incremental Funded Amount changed from \$104,425.56 to \$102,689.56<br>Continued ...   |   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.   |   |                                    |                     |  |                        |                                |           |  |  |   |   |  |  |   |
| 15A. NAME AND TITLE OF SIGNER (Type or print)  |   |                                    |                     | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)   |                        |                                |           |  |  |   |   |  |  |   |
|  |   |                                    |                     | Noelle Mills   |                        |                                |           |  |  |   |   |  |  |   |
| 15B. CONTRACTOR/OFFEROR  |   | 15C. DATE SIGNED                   |                     | 16B. UNITED STATES OF AMERICA  |                        | 16C. DATE SIGNED               |           |  |  |   |   |  |  |   |
| (Signature of person authorized to sign)   |   |                                    |                     | (Signature of Contracting Officer)   |                        |                                |           |  |  |   |   |  |  |   |

|                           |   |                |
|---------------------------|---|----------------|
| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/010 | PAGE OF<br>2 3 |
|---------------------------|---|----------------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)  | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
|                 | <p>CHANGES FOR ACCOUNTING CODE:<br/>14-15-B-87FN-202BD4X22-2505---1487NE4002-001<br/>Amount changed from \$77,541.00 to \$75,805.00<br/>Percent changed from 74.17281 to 72.51222</p> <p>CHANGES FOR LINE ITEM NUMBER: 3<br/>Obligated Amount for this modification: \$1,736.00<br/>Incremental Funded Amount changed from<br/>\$105,392.00 to \$107,128.00</p> <p>NEW ACCOUNTING CODE ADDED:<br/>Account code:<br/>14-15-B-87FN-202BD4X22-2505-1487NE4002-001<br/>Beginning Fiscal Year 14<br/>Ending Fiscal Year 15<br/>Fund (Appropriation) B<br/>Budget Organization 87FN<br/>Program (PRC) 202BD4X22<br/>Budget (BOC) 2505<br/>Job # (Site/Project)<br/>Cost Organization<br/>DCN-LineID 1487NE4002-001<br/>Quantity: 0<br/>Amount: \$1,736.00<br/>Percent: 1.62049<br/>Subject To Funding: N<br/>Payment Address:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (AA216-01)<br/>109 TW Alexander Drive<br/>www2.epa.gov/financial/contracts<br/>Durham NC 27711<br/>FOB: Destination<br/>Period of Performance: 05/28/2013 to 04/30/2016<br/>All other terms and conditions remain unchanged.</p> |                 |             |                   |               |

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>   |  | <b>1. CONTRACT ID CODE</b>  |  | <b>PAGE OF PAGES</b>                             |  |
|   |  |   |  | 1 3  |  |
| <b>2. AMENDMENT/MODIFICATION NO.</b>  |  | <b>3. EFFECTIVE DATE</b>  |  | <b>4. REQUISITION/PURCHASE REQ. NO.</b>          |  |
| 010   |  | See Block 16C   |  | PR-CP0D-15-00108                                 |  |
| <b>6. ISSUED BY</b>   |  | <b>CODE</b>   |  | <b>7. ADMINISTERED BY (If other than Item 6)</b> |  |
|   |  | CP0D  |  | <b>CODE</b>                                      |  |
|   |  |   |  | CP0D   |  |
| (FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |  | US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |  |  |  |
| <b>8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)</b>   |  | <b>9A. AMENDMENT OF SOLICITATION NO.</b>  |  |  |  |
| CAOMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603                                      |  |   |  |  |  |
|   |  | <b>9B. DATED (SEE ITEM 11)</b>  |  |  |  |
|   |  |   |  |  |  |
|   |  | <b>10A. MODIFICATION OF CONTRACT/ORDER NO.</b>  |  |  |  |
|   |  | EP-C-12-053   |  |  |  |
|   |  | 0001  |  |  |  |
|   |  | <b>10B. DATED (SEE ITEM 13)</b>   |  |  |  |
|   |  | 05/28/2013  |  |  |  |
| <b>CODE</b>   |  | <b>FACILITY CODE</b>  |  |  |  |
| (b)(4)  |  |   |  |  |  |

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.  
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning \_\_\_\_\_ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

**12. ACCOUNTING AND APPROPRIATION DATA (If required)**

See Schedule

**13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.**

|                  |  |
|------------------|--|
| <b>CHECK ONE</b> | <b>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</b>  |
|                  | <b>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(d).</b> |
| <b>X</b>         | <b>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:</b><br>By mutual agreement; 52.232-20-Limitation of Costs  |
|                  | <b>D. OTHER (Specify type of modification and authority)</b>   |

**E. IMPORTANT:** Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

**14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)**

DUNS Number: (b)(4)

The purpose of this modification is to 1.) Shift \$1736.00 from Option Period I to Option Period II and 2.) Fully fund Option Period II.

TOCOR: Doug Norton Max Expire Date: 09/27/2017

**LIST OF CHANGES:**

Reason for Modification : Funding Only Action

Total Amount for this Modification: \$0.00

**CHANGES FOR LINE ITEM NUMBER: 2**

Obligated Amount for this modification: -\$1,736.00

Incremental Funded Amount changed from \$104,425.56 to \$102,689.56

Continued ...

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

|  |  |   |  |
|--|--|---|--|
| <b>15A. NAME AND TITLE OF SIGNER (Type or print)</b> |  | <b>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</b> |  |
| Joel Demas, Contract Mgr.                            |  | Courtney Stallworth   |  |
| <b>15B. CONTRACTOR/OFFEROR</b>                       |  | <b>15C. DATE SIGNED</b>   |  |
| Joel Demas   |  | 5/28/15   |  |
| <b>15D. UNITED STATES OF AMERICA</b>                 |  | <b>15E. DATE SIGNED</b>   |  |
| - Noelle Thomas -                                    |  | 6/2/15  |  |

NSN 7540-01-152-8070  
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

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|--------------------|---|------|----|
| CONTINUATION SHEET | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/010 | PAGE | OF |
|                    |   | 2    | 3  |

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | <p>CHANGES FOR ACCOUNTING CODE:<br/>14-15-B-87FN-202BD4X22-2505---1487NE4002-001<br/>Amount changed from \$77,541.00 to \$75,805.00<br/>Percent changed from 74.17281 to 72.51222</p> <p>CHANGES FOR LINE ITEM NUMBER: 3<br/>Obligated Amount for this modification: \$1,736.00<br/>Incremental Funded Amount changed from<br/>\$105,392.00 to \$107,128.00</p> <p>NEW ACCOUNTING CODE ADDED:<br/>Account code:<br/>14-15-B-87FN-202BD4X22-2505-1487NE4002-001<br/>Beginning FiscalYear 14<br/>Ending Fiscal Year 15<br/>Fund (Appropriation) B<br/>Budget Organization 87FN<br/>Program (PRC) 202BD4X22<br/>Budget (BOC) 2505<br/>Job # (Site/Project)<br/>Cost Organization<br/>DCN-LineID 1487NE4002-001<br/>Quantity: 0<br/>Amount: \$1,736.00<br/>Percent: 1.62049<br/>Subject To Funding: N<br/>Payment Address:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (AA216-01)<br/>109 TW Alexander Drive<br/>www2.epa.gov/financial/contracts<br/>Durham NC 27711<br/>FOB: Destination<br/>Period of Performance: 05/28/2013 to 04/30/2016<br/>All other terms and conditions remain unchanged.</p> |                 |             |                   |               |



Section B - Supplies or Services/Prices was revised as follows.

1 - Clauses was revised as follows.

Summary of Clause Changes:

**OPTION PERIOD I:**

Clause, EPA-B-32-101, is incorporated as follows:

**Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE**

(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 04/30/2015.

(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.

(c) Recapitulation of Funds

RECAP

**OPTION PERIOD II:**

Clause, EPA-B-32-101, is incorporated as follows:

**Local Clauses EPA-B-32-101 LIMITATION OF FUNDS NOTICE**

(a) Pursuant to the Limitation of Funds clause, incremental funding in the amount of (b)(4) is allotted to cover estimated cost. Funding in the amount of (b)(4) is provided to cover the corresponding increment of fixed fee. The amount allotted for costs is estimated to cover the contractor's performance through 04/30/2016.

(b) When the contract is fully funded as specified in the Estimated Cost and Fixed Fee Clause (EP 52.216-190), the Limitation of Cost clause shall become applicable.

(c) Recapitulation of Funds


RECAP

**Option Period 1 5/01/2014 - 4/30/2015**

|                         | <b>Estimated Cost</b> | <b>Fixed Fee</b> | <b>Cost Plus Fixed Fee</b> |
|-------------------------|-----------------------|------------------|----------------------------|
| Modification 2          | (b)(4)                |                  | \$27,000.00                |
| Modification 3          |                       |                  | \$77,541.00                |
| Modification 6          |                       |                  | (\$115.44)                 |
| Modification 10         |                       |                  | (\$1,736.00)               |
| <b>Total Funded</b>     |                       |                  | <b>\$102,689.56</b>        |
| <b>Total Task Order</b> |                       |                  | <b>\$104,541.00</b>        |
| <b>Balance Unfunded</b> |                       |                  | <b>\$1,851.44</b>          |

**Option Period II 5/01/2015 - 4/30/2016**

|                         | <b>Estimated Cost</b> | <b>Fixed Fee</b> | <b>Cost Plus Fixed Fee</b> |
|-------------------------|-----------------------|------------------|----------------------------|
| Modification 9          | (b)(4)                |                  | \$105,392.00               |
| Modification 10         |                       |                  | \$1,736.00                 |
| <b>Total Funded</b>     |                       |                  | <b>\$107,128.00</b>        |
| <b>Total Task Order</b> |                       |                  | <b>\$107,128.00</b>        |
| <b>Balance Unfunded</b> |                       |                  | <b>\$0.00</b>              |

|  |   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
|--|---|------------------------------------|---------------------|--|----------------------|------------------------------------|-------------------------|-----------|--|--------------|---|---|---|------|---|--|
| <b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>  |   |                                    | 1. CONTRACT ID CODE |  | PAGE OF PAGES<br>1 7 |                                    |                         |           |  |              |   |   |   |      |   |  |
| 2. AMENDMENT/MODIFICATION NO.<br>011   |   | 3. EFFECTIVE DATE<br>See Block 16C |                     | 4. REQUISITION/PURCHASE REQ. NO.<br>PR-CP0D-16-00039   |                      | 5. PROJECT NO. (If applicable)     |                         |           |  |              |   |   |   |      |   |  |
| 6. ISSUED BY<br>(FOR U.S. MAIL ONLY)<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268  |   | CODE<br>CP0D                       |                     | 7. ADMINISTERED BY (If other than Item 6)<br>CP0D<br>US Environmental Protection Agency<br>26 West Martin Luther King Drive<br>Mail Code: NWD<br>Cincinnati OH 45268 |                      | CODE<br>CP0D                       |                         |           |  |              |   |   |   |      |   |  |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)<br><br>CADMUS GROUP, INC., THE<br>Attn: (b)(4)<br>57 WATER STREET<br>6176737000<br>WATERTOWN MA 024724603  |   |                                    |                     | (x) 9A. AMENDMENT OF SOLICITATION NO.  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
|  |   |                                    |                     |  |                      |                                    | 9B. DATED (SEE ITEM 11) |           |  |              |   |   |   |      |   |  |
|  |   |                                    |                     | x 10A. MODIFICATION OF CONTRACT/ORDER NO.<br>EP-C-12-053<br>0001   |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
|  |   |                                    |                     | 10B. DATED (SEE ITEM 13)<br>05/28/2013   |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| CODE (b)(4)  |   | FACILITY CODE                      |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| <b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>   |   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
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| 12. ACCOUNTING AND APPROPRIATION DATA (If required)<br>See Schedule  |   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| <b>13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>   |   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">CHECK ONE</td> <td>A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.</td> </tr> <tr> <td></td> <td>B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).</td> </tr> <tr> <td>X</td> <td>C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br/>52.232-22 and 1552.217-71</td> </tr> <tr> <td></td> <td>D. OTHER (Specify type of modification and authority)</td> </tr> </table>  |   |                                    |                     |  |                      |                                    |                         | CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. |              | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | X | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>52.232-22 and 1552.217-71 |      | D. OTHER (Specify type of modification and authority) |  |
| CHECK ONE  | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.  |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
|  | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| X  | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:<br>52.232-22 and 1552.217-71   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
|  | D. OTHER (Specify type of modification and authority)   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| <b>E. IMPORTANT:</b> Contractor <input type="checkbox"/> is not. <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.   |   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)<br>DUNS Number: (b)(4)<br>The purpose of this modification is to:<br>1) Descope Option Period II by 695 hours in accordance with the revised PWS. This action results in a revised CPFF for Option Period I as follows:<br><table style="width: 100%;"> <tr> <td style="text-align: center;">Original</td> <td style="text-align: center;">Reduction</td> <td style="text-align: center;">Revised CPFF</td> </tr> <tr> <td>Cost: (b)(4)</td> <td></td> <td></td> </tr> <tr> <td>Fee:</td> <td></td> <td></td> </tr> </table> CPFF: \$107,128      -\$87,108      \$20,020<br>2) Exercise Option Period III<br>3) Shift \$87,108 from Option Period II to Option Period III<br>TOCOR: Doug Norton Max Expire Date: 09/27/2017<br>Continued ...  |   |                                    |                     |  |                      |                                    |                         | Original  | Reduction  | Revised CPFF | Cost: (b)(4)  |   |   | Fee: |   |  |
| Original   | Reduction   | Revised CPFF                       |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| Cost: (b)(4)   |   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| Fee:   |   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10A, as heretofore changed, remains unchanged and in full force and effect.  |   |                                    |                     |  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| 15A. NAME AND TITLE OF SIGNER (Type or print)  |   |                                    |                     | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)   |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
|  |   |                                    |                     | Kathleen Rechenberg  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |
| 15B. CONTRACTOR/OFFEROR  |   | 15C. DATE SIGNED                   |                     | 16B. UNITED STATES OF AMERICA  |                      | 16C. DATE SIGNED                   |                         |           |  |              |   |   |   |      |   |  |
| (Signature of person authorized to sign)   |   |                                    |                     | <br>(Signature of Contracting Officer)   |                      | ELECTRONIC SIGNATURE<br>04/11/2016 |                         |           |  |              |   |   |   |      |   |  |
| NSN 7540-01-152-8070<br>Previous edition unusable  |   |                                    |                     | STANDARD FORM 30 (REV. 10-83)<br>Prescribed by GSA<br>FAR (48 CFR) 53.243  |                      |                                    |                         |           |  |              |   |   |   |      |   |  |

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| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/011 | PAGE OF<br>2 7 |
|---------------------------|---|----------------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)  | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|---|-----------------|-------------|-------------------|---------------|
|                 | <p>LIST OF CHANGES:</p> <p>Reason for Modification : Exercise an Option<br/>Period Of Performance End Date changed from<br/>30-APR-16 to 30-APR-17</p> <p>New Total Amount for this Version: \$129,736.00<br/>New Total Amount for this Award: \$448,534.00</p> <p>CHANGES FOR LINE ITEM NUMBER: 3<br/>Description changed from Option Period 2 -<br/>Provide services in accordance with attached<br/>Performance Work Statement entitled, "Recovery<br/>potential screening support." This task order<br/>award is a result of RFP PR-OW-13-00152</p> <p>Level of Effort: 970 to Option Period 2 - Provide<br/>services in accordance with attached Performance<br/>Work Statement entitled, "Recovery potential<br/>screening support." This task order award is a<br/>result of RFP PR-OW-13-00152</p> <p>Level of Effort: 275<br/>Total Amount changed<br/>from \$107,128.00 to \$20,020.00<br/>Obligated Amount for this modification:<br/>-\$87,108.00<br/>Incremental Funded Amount changed from<br/>\$107,128.00 to \$20,020.00</p> <p>CHANGES FOR DELIVERY LOCATION: OW<br/>Amount changed from \$107,128.00 to \$20,020.00</p> <p>CHANGES FOR ACCOUNTING CODE:<br/>15-16-B-87FN-202BD4X22-2505-1587NE5003-001<br/>Amount changed from \$105,392.00 to \$18,284.00<br/>Percent changed from 98.37951 to 99.38037</p> <p>CHANGES FOR LINE ITEM NUMBER: 4<br/>Obligated Amount for this modification: \$87,108.00<br/>Incremental Funded Amount changed from \$0.00 to<br/>\$87,108.00<br/>Exercised option</p> <p>NEW DELIVERY LOCATION RECORD:<br/>Quantity: 0<br/>Amount: \$109,716.00<br/>Days after award: Unassigned<br/>Shipping Address:<br/>OW<br/>Continued ...</p> |                 |             |                   |               |

|                           |   |           |         |
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| <b>CONTINUATION SHEET</b> | REFERENCE NO. OF DOCUMENT BEING CONTINUED<br>EP-C-12-053/0001/011 | PAGE<br>3 | OF<br>7 |
|---------------------------|---|-----------|---------|

NAME OF OFFEROR OR CONTRACTOR  
CADMUS GROUP, INC., THE

| ITEM NO.<br>(A) | SUPPLIES/SERVICES<br>(B)   | QUANTITY<br>(C) | UNIT<br>(D) | UNIT PRICE<br>(E) | AMOUNT<br>(F) |
|-----------------|--|-----------------|-------------|-------------------|---------------|
|                 | <p>US Environmental Protection Agency<br/>26 West Martin Luther King Drive<br/>Cincinnati OH 45268</p> <p>Mark For Address:</p> <p>NEW ACCOUNTING CODE ADDED:<br/>Account code:<br/>15-16-B-87FN-202BD4X22-2505-1587NE5003-001<br/>Beginning Fiscal Year 15<br/>Ending Fiscal Year 16<br/>Fund (Appropriation) B<br/>Budget Organization 87FN<br/>Program (PRC) 202BD4X22<br/>Budget (BOC) 2505<br/>Job # (Site/Project)<br/>Cost Organization<br/>DCN-LineID 1587NE5003-001<br/>Quantity: 0<br/>Amount: \$87,108.00<br/>Percent: 79.39407<br/>Subject To Funding: N<br/>Payment Address:<br/>RTP Finance Center<br/>US Environmental Protection Agency<br/>RTP-Finance Center (AA216-01)<br/>109 TW Alexander Drive<br/>www2.epa.gov/financial/contracts<br/>Durham NC 27711</p> <p>Delivery Location Code: OW<br/>OW<br/>US Environmental Protection Agency<br/>26 West Martin Luther King Drive<br/>Cincinnati OH 45268 USA</p> <p>FOB: Destination<br/>Period of Performance: 05/28/2013 to 04/30/2017<br/>In consideration of the modification agreed to herein as complete equitable adjustments for the Contractor's proposal dated April 7, 2016, the Contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to the proposal. All other terms and conditions remain unchanged.</p> |                 |             |                   |               |



**PERFORMANCE WORK STATEMENT  
TSAWP Multiple-Award Contracts  
EP-C-12-053 Task Order 001**

**RECOVERY POTENTIAL SCREENING SUPPORT**

**A: BACKGROUND**

This Task Order will support EPA in assisting Recovery Potential Screening (RPS) efforts in states. Contractor-assisted RPS support from EPA to states dates back to 2005 and has involved projects in 8 states during the past year. Additional projects in new and existing states are anticipated during the next several years.

Recovery Potential Screening (RPS) is a technical assessment method for systematically comparing relative restorability among many different impaired waters or watersheds based on multi-metric indices drawn mostly from landscape and monitoring data. The screening is usually performed to identify more restorable waters that are good candidates for restoration investments. The RPS method can be customized to a wide variety of comparative assessment and decision support uses. RPS is applicable for setting priorities among 303(d) listed waters or watersheds, determining the prioritized schedule of TMDL development, setting priorities for TMDL implementation, and developing other restoration strategies that can be optimized by careful consideration of restorability and its interplay with other factors. Recovery potential screening has already been demonstrated in several states and thoroughly documented in an EPA website (see <http://www.epa.gov/rps>).

Most RPS projects are comprehensive, multi-purpose statewide efforts in which EPA and the contractor facilitate identification of the state's intended uses of RPS, identify appropriate metrics, gather and measure data, demonstrate RPS techniques in state workshops, and transfer RPS tools and data products. Projects also can be more narrowly defined, as in the 2012-2013 multi-state demonstration of RPS as a general framework for watershed prioritization intended to encourage development and implementation of effective state strategies for managing nitrogen and phosphorus pollution. Either or both types of project may require support under this Task Order.

Below are descriptions of five tasks under this Task Order. Tasks 2 through 4 are state project-specific and would be repeated for each individual state project; Tasks 1 and 5 are not individual state project-specific. Tasks 2, 3 and 4 constitute most of the level of effort, estimated by EPA as 15% Task 2, 50% Task 3 and 20% Task 4, with Tasks 1 and 5 as the remaining 15% of the level of effort. The contractor shall provide RPS support to EPA in specific state projects in the Base Period and in each Option Period, as described in the Tasks below. All deliverables must be in an electronic format supportable by EPA at the end of the period of performance for this Task Order.

**B: TASKS**

**Task 1. Quality Management Plan, QAPP and progress reports**

The contractor shall adhere to its Quality Management Plan that is customized for this contract. In addition, this Task Order involves the use of existing data. Accordingly, EPA policy requires that an *approved* Quality

Assurance Project Plan (QAPP) be in place before any work begins that involves the collection, generation, evaluation, analysis or use of environmental data. Previous RPS contractor assignments have resulted in the development of QAPPs that comprehensively and adequately address all the elements of statewide RPS projects, and these QAPPs are identified below\* and are included as attachments to the PWS.

Therefore, in order to comply with this requirement, the contractor shall follow the applicable QAPP consistent with *EPA Requirements for Quality Assurance Project Plans: EPA QA/R-5* (<http://www.epa.gov/quality/qs-docs/r5-final.pdf>). All QA documentation prepared under this Task Order shall be considered non-proprietary, and shall be made available to the public upon request. The contractor shall immediately notify the EPA TOCOR of any QA problems encountered that may impact the performance of this Task Order, with recommendations for corrective action.

The contractor also shall provide EPA with monthly reports of QA-related activities performed during implementation of this Task Order. These monthly QA reports shall identify QA activities performed to support implementation of this Task Order, problems encountered, and corrective actions taken. The contractor may include this as a part of the contract-required monthly financial/technical progress report.

Existing QAPPs can need updates if changes that affect QA steps have occurred. Contractor QMPs are periodically revised which may or may not affect an existing QAPP from an earlier year. Ongoing usage of QAPPs under this Task Order also can reveal the need for any updates. The contractor shall review the existing QAPP, check for necessary revisions based on the factors above, and report in writing to the TOCOR on the necessity of any updates or modifications. The contractor also shall notify the EPA TOCOR at any time during the Task Order if changes to the QAPP are warranted (e.g., due to organizational changes, revised technical approaches). If, during the Period of Performance of this Task Order, the EPA TOCOR determines revisions to the QAPP are necessary, the contractor shall submit a revised QAPP, including the revision summary, within 10-15 business days after receiving written technical direction to do so. The contractor shall provide a revised QAPP, then a final that responds to EPA's written comments within 5 business days of receipt of EPA's comments on the draft.

In addition to the brief monthly reports required by the contract, the contractor shall also transmit to the EPA TOCOR a brief, emailed progress report twice an option year. These reports are due no less than 60 days before the halfway point, and 60 days before the end, of the Task's current option year. This report shall summarize the status of all RPS activities and related funding under this Task up to the report date, and estimate the projected activities and related funding that is expected to be used in the ensuing 60-day period.

#### Task 1 Deliverables:

- 1a. Written summary of QAPP update check.
- 1b. QAPP update, only if requested through Technical Direction.
- 1c. Progress report pre-midyear
- 1d. Progress report pre-end of year
- 1e. Monthly progress reports per contract requirement

\* The currently active QAPP is the update of July 20, 2015:

Filename 150720RPS QAPP\_Op2update.pdf

## **Task 2: RPS Project Kickoff**

This Task is project-specific, meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPOTOCOR through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOCOR. Three RPS projects are anticipated for this Task Order per period. The TOPOTOCOR will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

The contractor shall support RPS project initiation activities as described on the RPS website (Reference PWS Section A: Background) in steps 1 and step 2 (through 'select candidate indicators'). EPA only may identify states or other clients for which RPS project support shall occur. The Contractor shall be responsible for arranging and carrying out project kickoff elements as described in this Task Order. Typically the kickoff phase involves EPA, contractor and state involvement in:

- One to two conference calls and supporting email dialogue to plan a kickoff event;
- Preparation of agenda, handouts and available boilerplate presentation materials;
- Contractor travel for an RPS expert and GIS expert to a state hosted location;
- A day-long project kickoff meeting to overview the project, identify all possible RPS applications of interest to the state, and identify relevant recovery potential metrics and data sources;
- Processing of meeting notes into an RPS applications list and RPS candidate metrics spreadsheet; and
- Follow-up communications as needed to share and refine above materials.

### Task 2 Deliverables (per project):

- 2a. Kickoff meeting prep materials package
- 2b. Facilitated onsite kickoff meeting
- 2c. RPS applications list (format provided by TOCOR)
- 2d. RPS candidate metrics spreadsheet (format provided by TOCOR)

## **TASK 3: Recovery Potential Metrics Compilation**

This Task is project-specific meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOPOTOCOR through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOCOR. Three RPS projects are anticipated for this Task Order per period. The TOPOTOCOR will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS

project.

Based on the information gathered in Task 2, for each RPS project the contractor shall continue to support RPS project steps 2 through 4 as detailed online. This Task is usually the bulk of effort in any RPS project, and involves substantial interaction with state and other data source owners, communication to finalize how specific indicators will be measured (may involve 2 or more iterations of an indicators status spreadsheet while under development), and substantial time measuring and compiling indicators into a master RPS database file. The RPS database shall be a geospatial database in file formats supported by EPA and the state client (e.g., ESRI file geodatabase). The contractor shall document all assumptions and methods used in measuring indicators. At any point during development, the draft master attributes file (RPS indicator values for all watersheds being screened) shall be available in spreadsheet format upon request for circulation among project participants. Under this Task, all candidate metrics identified in Task 2 should eventually be compiled, altered, or rejected, with TOCOR approval. Near or at this completion stage, the contractor shall also demonstrate the RPS scoring tool using an example application of interest and a selection of appropriate metrics available for the state, providing this to EPA and the state as a first demonstration of the draft RPS database. Note that some uncertainty in duration of this project phase is likely due to variable state availability, capacity, or data source issues, any of which can disrupt rigid project timelines.

Task 3 Deliverables (per project):

- 3a. RPS indicators status spreadsheet;
- 3b. RPS metrics master database file (attributes spreadsheet);
- 3c. Assumptions and methods used in measuring RPS metrics;
- 3d. Initial RPS scoring demonstration for client state

**TASK 4: RPS Workshop and Tech Transfer**

This Task is project-specific meaning that it is repeated for each RPS project (e.g., state or other projects) identified by the TOCOR through written Technical Direction. Project client is assumed to be a specific state unless otherwise noted by the TOCOR. Three RPS projects are assumed anticipated for this Task Order per period. The TOCOR will identify the states involved in these projects and the specific project objectives (likely to be prioritization for nutrients management, although some projects may address other objectives), and inform the contractor through written technical direction. The states most likely to be involved in these projects presently include MA, MD, KY, and NM. Other states that may be involved in RPS projects include VT, LA, TN, UT, and NH. No state, region or other geographic area is precluded from possible involvement in an RPS project.

At the point of RPS database completion or near-completion a tech transfer workshop shall be arranged and carried out by the contractor in coordination with EPA and the state participants, as an onsite, two-day event. This event reconvenes the participants in the state kickoff meeting to:

- Present the database developed from their kickoff specifications;
- Refresh the RPS techniques and applications of interest to the state;
- Carry out and personally assist hands-on training exercises using state RPS data;
- Archive all state applications files (screening purpose, indicators selected, weights, watersheds screened, results files including scoring spreadsheets, bubble plots and maps) carried out during

workshop exercises – delivered to EPA TOCOR;

- Compile a follow-up summary of the workshop transmitting files of interest (e.g., RPS products from workshop exercises, any follow-up actions) to participants.

The transfer workshop shall also identify opportunities for a last round of data compilation or applications assistance that may help the state apply RPS. These additional data development tasks may be authorized by the TOCOR through written Technical Direction only. When the project is considered essentially complete according to the TOCOR, the contractor shall copy the entire file geodatabase (or other format approved by TOCOR) to the EPA and the state.

Task 4 Deliverables (per project):

- 4a. Workshop materials package development;
- 4b. Facilitated onsite two-day workshop;
- 4c. Archived workshop applications files;
- 4d. Follow-up workshop summary;
- 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state.

**TASK 5: Recovery Potential Tools, Data and Methods Improvements**

This Task is not project-specific, and covers contractor support for specific RPS improvements authorized by the TOCOR only through written Technical Direction.

A variety of RPS tools and information resources have been developed over the years to assist state RPS users. Needs to revise and improve RPS tools may arise from time to time, but the specifics cannot be predicted in advance. Thus, this Task Order describes the main areas of potential improvements at a general level of detail with clarifying details to be provided through Technical Direction. Specific improvements in any of these areas shall be carried out by the contractor only if directed by the TOCOR through written Technical Direction that will clarify the details in one or more of the general topic areas discussed below:

**A. Website revisions**

The contractor shall support changes as required by the EPA TOCOR to correct or improve the website's functionality, if user feedback to EPA reveals any such needs. The RPS website contains a variety of technical tools and informational resources designed to help states assess and compare the restorability of their impaired waters. These resources include but are not limited to: screening methodology directions, recovery potential indicators lists, indicator reference sheets, a recovery literature database, results plotting tools, index calculation tools, screening project reports and papers, and links to related tools from other websites. If directed, the contractor shall develop replacements or additions to the website in formats that can be reviewed and approved by the EPA TOCOR and then transferred to the EPA web group with an EPA request for website modification.

**B. Tool enhancements**

Example tools include the RPS auto-scoring spreadsheet, the bubble-plotting script (see website), and ArcGIS processing methods or tools developed for measuring RPS indicators. If directed, the contractor shall improve the functionality of the recovery potential scoring spreadsheet, the results plotting program, or other existing or new RPS tools that will help RPS users calculate and display their own recovery potential screening results.



#### C. Information resources improvements

Examples of RPS information resources include recovery potential indicators, indicator reference sheets, and the Restoration and Recovery Literature Database (see website). The contractor shall continue adding to the content of existing and/or new indicators and their related indicator reference sheets if directed. The enhancements may include adding more bulletized excerpts from technical publications, measurement technique options for each indicator, and specific URL hot links to commonly available data sources. The contractor shall also incrementally add to the Restoration and Recovery Literature Database, by adding papers used and referenced in the indicator reference sheets; additional papers may be provided by the EPA TOCOR or found by the contractor if requested by the TOCOR through technical direction to search the technical literature and other sources. The most recent version of the Database shall be updated prior to the end of the Task Order project period.

#### D. Methodology improvements

The contractor shall revise and improve specific components of the screening methodology if directed. Examples of methodological components that may be selected for improvement are: brief written directions for correlation analysis among the indicators; a brief written approach for weighting indicators; a brief written account of statistical applications that could be used with screening results; and, other small methodological components that can be improved.

#### E. Data sources

The GIS data often used in RPS projects are often available as national datasets from which the same RPS indicator may be calculated the same way in several individual state projects. It is generally cost-effective to track the availability of existing metrics already measured on a watershed basis, as well as to nationally measure an indicator that is highly likely to be used in multiple state projects. If directed, the contractor shall make national-scale indicator datasets available to EPA and to multiple RPS projects by one or more of the following:

- Summarize contact information and data access procedures for existing, publicly available datasets already measured on a commonly used geospatial unit (e.g., HUC8, HUC12, catchment);
- Obtain national-scale indicator datasets useful for RPS and measure indicator values on a commonly used geospatial unit;
- Document the processing method (e.g., create an ArcGIS model) tracing the steps for measuring the indicator value
- Combine multiple national datasets in order to measure a new indicator or index value on a commonly used geospatial unit.

#### Task 5 Deliverables:

5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR

5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR

5c. RPS information resources improvements, if specified in written Technical Direction by EPA TOCOR

5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR

5e. RPS nationally measured datasets and related measurement tools or methods, if specified in written Technical Direction by EPA TOCOR

**C. SCHEDULE OF BENCHMARKS, DELIVERABLES & MILESTONES:**

| <b>Base Period: 12 months</b>                             |  |  |
|---|--|--|
| <b>TASK</b>   | <b>BENCHMARK / DELIVERABLE / MILESTONES</b>  | <b>SCHEDULE</b>  |
| <b>1</b>  | 1a. Written summary of QAPP update check.  | Within 30 days of TO Award   |
| <b>1</b>  | 1b. QAPP update, if requested through Technical Direction.   | 10-15 business days after receipt of written technical direction                       |
| <b>1</b>  | 1c. Progress report pre-midyear  | NLT 60 days prior to midpoint of base year   |
| <b>1</b>  | 1d. Progress report pre-end of year  | NLT 60 days prior to end of base year  |
| <b>1</b>  | 1e. Monthly progress reports per contract requirement  | As specified in contract   |
| <b>2 - 4</b>  | STATE 1 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 0 – Day 180 of Task year   |
| <b>2 - 4</b>  | STATE 2 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 90– Day 270 of Task year   |
| <b>2 - 4</b>  | STATE 3 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 180 – Day 360 of Task year   |
| <b>STATE PROJECT DETAILED DELIVERABLES AND MILESTONES</b> |  |  |
| <b>2</b>  | 2a. Kickoff meeting prep materials package   | Within 5 days of beginning of each state project                                       |
| <b>2</b>  | 2b. Facilitated onsite kickoff meeting   | Within 30 days of beginning of each state project                                      |
| <b>2</b>  | 2c. RPS applications list (format provided by TOCOR)   | Within 10 days after kickoff meeting   |
| <b>2</b>  | 2d. RPS candidate metrics spreadsheet (format provided by TOCOR)   | Within 10 days after kickoff meeting   |
| <b>3</b>  | 3a. RPS indicators status spreadsheet  | 5 business days after receipt of written technical direction [incrementally as needed] |
| <b>3</b>  | 3b. RPS metrics master database file (attributes spreadsheet)  | Within 120 days of beginning of each state project                                     |
| <b>3</b>  | 3c. Assumptions and methods used in measuring RPS metrics;   | Within 120 days of beginning of each state project                                     |
| <b>3</b>  | 3d. Initial RPS scoring demonstration for client state   | Within 130 days of beginning of each state project                                     |
| <b>4</b>  | 4a. Workshop materials package development;  | Within 140 days of beginning of  |

|  |  |  |
|--|--|--|
|  |  | each state project   |
| 4  | 4b. Facilitated onsite two-day workshop  | Within 160 days of beginning of each state project               |
| 4  | 4c. Archived workshop applications files   | Within 10 days after meeting [day 170]                           |
| 4  | 4d. Follow-up workshop summary   | Within 10 days after meeting [day 170]                           |
| 4  | 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state  | Within 180 days of beginning of each state project               |
| <b>RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED</b> |  |  |
| 5  | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR   | 10-15 business days after receipt of written technical direction |
| 5  | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR  | 10-15 business days after receipt of written technical direction |
| 5  | 5c. RPS information resources improvements, if specified in written Technical Direction by TOCOR   | 10-15 business days after receipt of written technical direction |
| 5  | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR   | 10-15 business days after receipt of written technical direction |
| 5  | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOCOR   | 10-15 business days after receipt of written technical direction |
| <b>Option Period 1: 12 months</b>                              |  |  |
| <b>TASK</b>  | <b>BENCHMARK / DELIVERABLE / MILESTONES</b>  | <b>SCHEDULE</b>  |
| 1  | 1a. Written summary of QAPP update check.  | Within 30 days of beginning of new Option Period                 |
| 1  | 1b. QAPP update, if requested through Technical Direction.   | 10-15 business days after receipt of written technical direction |
| 1  | 1c. Progress report pre-midyear  | NLT 60 days prior to midpoint of option year                     |
| 1  | 1d. Progress report pre-end of year  | NLT 60 days prior to end of option year                          |
| 1  | 1e. Monthly progress reports per contract requirement  | As specified in contract   |
| 2 - 4  | STATE 4 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 0 – Day 180 of Task year                                     |
| 2 - 4  | STATE 5 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 90– Day 270 of Task year                                     |
| 2 - 4  | STATE 6 PROJECT<br>(see detailed deliverables 2a thru 4e below; these  | Day 180 – Day 360 of Task year                                   |

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|--|--|--|
|  | are repeated for each state project allowing for different start times during the Task year)                             |  |
| <b>STATE PROJECT DETAILED DELIVERABLES AND MILESTONES</b>      |  |  |
| <b>2</b>   | 2a. Kickoff meeting prep materials package   | Within 5 days of beginning of new State project  |
| <b>2</b>   | 2b. Facilitated onsite kickoff meeting   | Within 30 days of beginning of new State project                                       |
| <b>2</b>   | 2c. RPS applications list (format provided by TOCOR)   | Within 10 days of kickoff meeting  |
| <b>2</b>   | 2d. RPS candidate metrics spreadsheet (format provided by TOCOR)   | Within 10 days of kickoff meeting  |
| <b>3</b>   | 3a. RPS indicators status spreadsheet  | 5 business days after receipt of written technical direction [incrementally as needed] |
| <b>3</b>   | 3b. RPS metrics master database file (attributes spreadsheet)  | Within 120 days of beginning of new State project                                      |
| <b>3</b>   | 3c. Assumptions and methods used in measuring RPS metrics;   | Within 120 days of beginning of new State project                                      |
| <b>3</b>   | 3d. Initial RPS scoring demonstration for client state   | Within 130 days of beginning of new State project                                      |
| <b>4</b>   | 4a. Workshop materials package development;  | Within 140 days of beginning of new State project                                      |
| <b>4</b>   | 4b. Facilitated onsite two-day workshop  | Within 160 days of beginning of new Option Period                                      |
| <b>4</b>   | 4c. Archived workshop applications files   | Within 10 days after meeting [day 170]   |
| <b>4</b>   | 4d. Follow-up workshop summary   | Within 10 days after meeting [day 170]   |
| <b>4</b>   | 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state  | Within 180 days of beginning of new state project                                      |
| <b>RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED</b> |  |  |
| <b>5</b>   | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR                                   | 10-15 business days after receipt of written technical direction                       |
| <b>5</b>   | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR                                      | 10-15 business days after receipt of written technical direction                       |
| <b>5</b>   | 5c. RPS information resources improvements, if specified in written Technical Direction by TOCOR                         | 10-15 business days after receipt of written technical direction                       |
| <b>5</b>   | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR                               | 10-15 business days after receipt of written technical direction                       |
| <b>5</b>   | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOCOR | 10-15 business days after receipt of written technical direction                       |
| <b>Option Period 2: 12 months</b>                              |  |  |

| <b>TASK</b> | <b>BENCHMARK / DELIVERABLE / MILESTONES</b>                | <b>SCHEDULE</b>  |
|-------------|--|--|
| <b>1</b>    | 1a. Written summary of QAPP update check.                  | Within 30 days of beginning of new Option Period                 |
| <b>1</b>    | 1b. QAPP update, if requested through Technical Direction. | 10-15 business days after receipt of written technical direction |
| <b>1</b>    | 1c. Progress report pre-midyear                            | NLT 60 days prior to midpoint of option year                     |
| <b>1</b>    | 1d. Progress report pre-end of year                        | NLT 60 days prior to end of option year                          |
| <b>1</b>    | 1e. Monthly progress reports per contract requirement      | As specified in contract   |

**RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED**

|          |  |  |
|----------|--|--|
| <b>5</b> | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR                                   | 10-15 business days after receipt of written technical direction |
| <b>5</b> | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR                                      | 10-15 business days after receipt of written technical direction |
| <b>5</b> | 5c. RPS information resources improvements, if specified in written Technical Direction by TOCOR                         | 10-15 business days after receipt of written technical direction |
| <b>5</b> | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR                               | 10-15 business days after receipt of written technical direction |
| <b>5</b> | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOCOR | 10-15 business days after receipt of written technical direction |

**Option Period 3: 12 months**

| <b>TASK</b>  | <b>BENCHMARK / DELIVERABLE / MILESTONES</b>   | <b>SCHEDULE</b>  |
|--------------|---|--|
| <b>1</b>     | 1a. Written summary of QAPP update check.   | Within 30 days of beginning of new Option Period                 |
| <b>1</b>     | 1b. QAPP update, if requested through Technical Direction.  | 10-15 business days after receipt of written technical direction |
| <b>1</b>     | 1c. Progress report pre-midyear   | NLT 60 days prior to midpoint of option year                     |
| <b>1</b>     | 1d. Progress report pre-end of year   | NLT 60 days prior to end of option year                          |
| <b>1</b>     | 1e. Monthly progress reports per contract requirement   | As specified in contract   |
| <b>2 - 4</b> | STATE 10 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 0 – Day 180 of Task year                                     |
| <b>2 - 4</b> | STATE 11 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 90– Day 270 of Task year                                     |



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|--|---|--|
| 2 - 4  | STATE 12 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 180 – Day 360 of Task year   |
| <b>STATE PROJECT DETAILED DELIVERABLES AND MILESTONES</b>      |   |  |
| 2  | 2a. Kickoff meeting prep materials package  | Within 5 days of beginning of new State project  |
| 2  | 2b. Facilitated onsite kickoff meeting  | Within 30 days of beginning of new State project                                       |
| 2  | 2c. RPS applications list (format provided by TOCOR)  | Within 10 days after kickoff meeting   |
| 2  | 2d. RPS candidate metrics spreadsheet (format provided by TOCOR)  | Within 10 days after kickoff meeting   |
| 3  | 3a. RPS indicators status spreadsheet   | 5 business days after receipt of written technical direction [incrementally as needed] |
| 3  | 3b. RPS metrics master database file (attributes spreadsheet)   | Within 120 days of beginning of new State project                                      |
| 3  | 3c. Assumptions and methods used in measuring RPS metrics;  | Within 120 days of beginning of new State project                                      |
| 3  | 3d. Initial RPS scoring demonstration for client state  | Within 130 days of beginning of new State project                                      |
| 4  | 4a. Workshop materials package development;   | Within 140 days of beginning of new State project                                      |
| 4  | 4b. Facilitated onsite two-day workshop   | Within 160 days of beginning of new State project                                      |
| 4  | 4c. Archived workshop applications files  | Within 10 days after meeting [day 170]   |
| 4  | 4d. Follow-up workshop summary  | Within 10 days after meeting [day 170]   |
| 4  | 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state   | Within 180 days of beginning of new State project                                      |
| <b>RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED</b> |   |  |
| 5  | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR  | 10-15 business days after receipt of written technical direction                       |
| 5  | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR   | 10-15 business days after receipt of written technical direction                       |
| 5  | 5c. RPS information resources improvements, if specified in written Technical Direction by TOCOR  | 10-15 business days after receipt of written technical direction                       |
| 5  | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR  | 10-15 business days after receipt of written technical direction                       |
| 5  | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOCOR  | 10-15 business days after receipt of written technical direction                       |

| Option Period 4: 11 months                         |   |   |
|--|---|---|
| TASK   | BENCHMARK / DELIVERABLE / MILESTONES  | SCHEDULE  |
| 1  | 1a. Written summary of QAPP update check.   | Within 30 days of beginning of new Option Period  |
| 1  | 1b. QAPP update, if requested through Technical Direction.  | 10-15 business days after receipt of written technical direction                          |
| 1  | 1c. Progress report pre-midyear   | NLT 60 days prior to midpoint of option year  |
| 1  | 1d. Progress report pre-end of year   | NLT 60 days prior to end of option year   |
| 1  | 1e. Monthly progress reports per contract requirement   | As specified in contract  |
| 2 - 4  | STATE 13 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 0 – Day 180 of Task year  |
| 2 - 4  | STATE 14 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 90– Day 270 of Task year  |
| 2 - 4  | STATE 15 PROJECT<br>(see detailed deliverables 2a thru 4e below; these are repeated for each state project allowing for different start times during the Task year) | Day 180 – Day 360 of Task year  |
| STATE PROJECT DETAILED DELIVERABLES AND MILESTONES |   |   |
| 2  | 2a. Kickoff meeting prep materials package  | Within 5 days of beginning of new State project   |
| 2  | 2b. Facilitated onsite kickoff meeting  | Within 30 days of beginning of new State project  |
| 2  | 2c. RPS applications list (format provided by TOCOR)  | Within 10 days after kickoff meeting  |
| 2  | 2d. RPS candidate metrics spreadsheet (format provided by TOCOR)  | Within 10 days after kickoff meeting  |
| 3  | 3a. RPS indicators status spreadsheet   | 5 business days after receipt of written technical direction<br>[incrementally as needed] |
| 3  | 3b. RPS metrics master database file (attributes spreadsheet)   | Within 120 days of beginning of new State project   |
| 3  | 3c. Assumptions and methods used in measuring RPS metrics;  | Within 120 days of beginning of new State project   |
| 3  | 3d. Initial RPS scoring demonstration for client state  | Within 130 days of beginning of new State project   |
| 4  | 4a. Workshop materials package development;   | Within 140 days of beginning of   |

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|  |  | new State project  |
| 4  | 4b. Facilitated onsite two-day workshop  | Within 160 days of beginning of new State project                |
| 4  | 4c. Archived workshop applications files   | Within 10 days after meeting [day 170]                           |
| 4  | 4d. Follow-up workshop summary   | Within 10 days after meeting [day 170]                           |
| 4  | 4e. Transfer of RPS file geodatabase and supporting metadata to EPA and state  | Within 180 days of beginning new state project                   |
| <b>RPS TASKS OCCURRING THROUGHOUT PROJECT PERIOD AS NEEDED</b> |  |  |
| 5  | 5a. RPS website improvements, if specified in written Technical Direction by EPA TOCOR                                   | 10-15 business days after receipt of written technical direction |
| 5  | 5b. RPS tool enhancements, if specified in written Technical Direction by EPA TOCOR                                      | 10-15 business days after receipt of written technical direction |
| 5  | 5c. RPS information resources improvements, if specified in written Technical Direction by TOCOR                         | 10-15 business days after receipt of written technical direction |
| 5  | 5d. RPS methodology improvements, if specified in written Technical Direction by EPA TOCOR                               | 10-15 business days after receipt of written technical direction |
| 5  | 5e. RPS nationally measured datasets and related tools/methods, if specified in written Technical Direction by EPA TOCOR | 10-15 business days after receipt of written technical direction |
| <b>END OF TABLE</b>  |  |  |

When the Task Order reaches 30 calendar days prior to the end of the Period of Performance in a given period, the contractor shall make a determination that the deliverables, milestones, benchmarks, and any outstanding technical direction from the TOCOR, will be satisfactorily completed in the form requested in the PWS by the end of the Period of Performance and for the remaining funding that is available.

If the contractor determines one or more of the above-referenced items will not be able to be completed in the requested form within the period of performance and with the available funding, the contractor shall notify the TOCOR and the CO immediately. Within 5 business days of said notification, the TOCOR in coordination with the CO will provide technical direction concerning use of the remaining funding to prepare and furnish to the TOCOR all interim draft deliverables, interim work products, and any working files in an electronic format which is supported by EPA, for eventual continuation of the project after the end date of the Task Order.

#### **D. REPORTING**

All documentation and reporting under this Task Order shall be in compliance with contract requirements.

#### **E. DELIVERABLES AND GENERAL PERFORMANCE:**

The contractor shall participate in meetings and conference calls arranged by the EPA Task Order Project Officer. The contractor shall, when requested by the TOCOR, provide supporting documentation when EPA is

reviewing draft deliverables to facilitate EPA review and approval of the Contractor's work. Documentation shall include the electronic files and detailed, written explanation of all steps and decisions. The Contractor shall comply with this request when it is received from the TOCOR regardless of whether such a request is described in the individual tasks of this PWS. The Contractor shall furnish this information in such manner that no proprietary software will be needed for EPA to read, interpret, replicate or model any work product of this agreement, unless otherwise noted in this PWS or by written permission of the EPA TOCOR. The objective is that anyone with the appropriate skill level can use the information produced under this Task Order to check or duplicate the Contractor's work for replication and/or verification. With this understanding of how this Task Order's data will be used, any elements essential to successfully replicating analysis shall be provided to EPA in a commonly-used format.

The Contractor shall provide both scientific/technical and editorial review as defined in section 2.6 of the Prime Contract Performance Work Statement on any Task Order **draft** product before submission to the EPA TOCOR for review. This process does not need to be performed by an independent peer reviewer. All editorial review comments shall be addressed before deliverables are furnished to the EPA TOCOR for review (in the case of draft deliverables) or acceptance (in the case of final deliverables); and any questions raised by scientific/ technical review shall be either addressed or discussed with the EPA TOCOR prior to the contractor furnishing draft deliverables.

Upon receipt of written technical direction from the TOCOR, the contractor shall furnish:

- **All deliverables (draft and final) to EPA shall be furnished in an electronic version** and in an electronic format that EPA can support (see TSAWP Contract PWS Section 4.0 Deliverables).
- **All final deliverables to EPA shall include one (1) electronic copy and a transmittal email that describes the attached deliverable and summarizes QA procedures applied in its development.** All final deliverables shall be prepared according to EPA publication guidelines and shall be compliant with Section 508 of the **Americans with Disabilities Act**. All electronic and information technology (eit) and all EIT deliverables be Section 508 compliant in accordance with the policies referenced at <http://www.epa.gov/accessibility/>. The contractor shall include documentation which indicates that the contractor has tested the deliverable against applicable Section 508 Standards.

**All submittals** to EPA shall be formatted as described below.

**Electronic submissions** shall be made in the following manner: electronic Microsoft Word© for any written reports, summaries or analysis documents, Microsoft Excel© format for any and all spreadsheets, ESRI file Geodatabase (or other format approved by the EPA TOCOR) for geospatial datasets. **Final electronic submissions** shall be on Compact Disk (CD) or Digital Versatile Disc (DVD) if too large to email as attachments or deliver via FTP. Every electronic document and all of the sections, text, graphs, charts or figures shall be unlocked, open and editable so that EPA may make further changes.

Appropriate electronic format that is supported by EPA and printing of all GIS data layers, maps, photos, bench sheets and other written material not easily printed or saved in the above formats shall be discussed and a format agreed upon with the EPA TOCOR prior to submittal by the contractor.

**F. ANTICIPATED TRAVEL**

All travel under this Task Order shall be in compliance with contract requirements and only according to specific Technical Direction. (See contract clause H-17). Travel is presently anticipated to be necessary for two onsite events involving two contractors, in each state RPS project, unless otherwise directed by the TOCOR.

#### **G. CONTRACTOR IDENTIFICATION**

Contractor personnel shall always identify themselves as Contractor employees by name and organization and physically display that information through an identification badge. Contractor personnel are prohibited from acting as the Agency's official representative.

The Contractor shall refer any questions relating to the interpretation of EPA policy, guidance, or regulation to the EPA Task Order Contracting Officer.

#### **H. Conference/Meeting Guidelines and Limitations:**

The EPA projects that none of the individual meetings identified in these tasks will exceed a total cost of \$20,000. No conferences shall occur under this Task Order. The contractor shall immediately notify the EPA Contracting Officer, CL-COR and TOCOR of any anticipated individual event involving support for a meeting that may potentially incur \$20,000 or more in cost during performance. After notifying EPA of the potential to reach this threshold, the Contractor shall not proceed with the task(s) until authorized to do so by the Contracting Officer.

#### **I. Quality Assurance Surveillance Plan: per contract requirements**

#### **J. Attachments**

The currently active QAPP is the update of July 20, 2015:

Filename 150720RPS QAPP\_Op2update.pdf